

Version 1

The 2007-2009 ACS 3-Year Summary File Technical Documentation



American Community Survey Office
Data Products
Version 1, January 11, 2011



Table of Contents

1	INTRODUCTION	1
1.1	THE AMERICAN COMMUNITY SURVEY.....	1
1.2	THE AMERICAN COMMUNITY SURVEY SUMMARY FILE	1
1.3	TOPICS AND GEOGRAPHIES COVERED	2
1.4	TOOLS FOR OBTAINING DATA.....	2
1.5	NOTABLE CHANGES TO THE SUMMARY FILE	3
1.6	CONTACT US	4
2	HOW TO USE THE ACS SUMMARY FILE	5
2.1	LOCATING THE SUMMARY FILE	5
2.2	SUMMARY FILE ORGANIZATION	6
2.3	SEQUENCE NUMBERS	8
2.4	GEOGRAPHY FILE	9
2.5	ESTIMATE AND MARGIN OF ERROR FILES.....	12
3	USER TOOLS	14
3.1	SUMMARY FILE EXCEL RETRIEVAL TOOL	14
3.2	SUMMARY FILE SAS TOOL.....	14
3.3	SUMMARY FILE EXCEL IMPORT TOOL.....	14
3.4	MERGING A GEOGRAPHY FILE WITH ESTIMATES OR MARGINS OF ERROR FILES IN EXCEL	17
4	USER REFERENCES	24
4.1	DETAILED TABLES FOR THE 2007-2009 ACS 3-YEAR ESTIMATES	24
4.2	2007-2009 ACS 3-YEAR SUMMARY LEVELS/COMPONENTS FOR DETAILED TABLES	24
4.3	SEQUENCE NUMBER AND TABLE NUMBER LOOKUP	24
4.4	TABLE SHELLS LIST	24
4.5	EXCEL GEOGRAPHY FILE	24
	APPENDIX A: SUPPLEMENTAL DOCUMENTATION	25
	APPENDIX B: GRAPHICAL REPRESENTATION OF ACS SUMMARY FILE ORGANIZATION	26
B.1	2007-2009 ACSSF ALL IN 1 GIANT FILE (EXPERIENCED-USERS-ONLY)	26
B.2	2007-2009 ACSSF BY STATE ALL TABLES	27
B.3	2007-2009 ACSSF BY STATE BY SEQUENCE TABLE SUBSET	28
	APPENDIX C: USER NOTES.....	29
C.1	POPULATION THRESHOLDS	29
C.2	GEOGRAPHY RESTRICTIONS	29
C.3	JAM VALUES	29
C.4	ROUNDING RULES AND MARGINS OF ERROR	31
C.5	DATA RELEASE FILTERING RULES	31
C.6	DISPLAY OF ESTIMATES	32
C.7	SEQUENCES USED ONLY FOR UNITED STATES TABLES OR ONLY FOR PUERTO RICO TABLES.....	32
C.8	MULTIPLE SEQUENCES FOR A TABLE.....	33
	APPENDIX D: EXAMPLES	34
D.1	CREATING A TABLE	34
D.2	CREATING A TABLE USING SAS	36
	APPENDIX E: DETAILED TABLES FOR THE 2007-2009 ACS 3-YEAR ESTIMATES.....	38
	APPENDIX F: ACS 3-YEAR SUMMARY LEVELS/COMPONENTS FOR DETAILED TABLES	79
	DOCUMENT HISTORY	81

1 Introduction

1.1 The American Community Survey

The American Community Survey (ACS) is a household survey conducted by the U.S. Census Bureau with an annual sample size of about 3 million addresses. The ACS data provides communities with the current information they need to plan investments and services. Information from the survey generates data that help determine how more than \$400 billion in federal and state funds are distributed annually. Each year the survey produces data that cover the periods of 1-year, 3-year, and 5-year estimates for geographic areas in the United States and Puerto Rico, ranging from neighborhoods to Congressional districts to the entire nation. For more information about the ACS, please visit our home page, www.census.gov/acs. ACS tables are published on the Census Bureau's American FactFinder (AFF) website, factfinder.census.gov, and are available for download in several forms. This document will brief data users on the contents of the ACS Summary File and explain how they can use it to obtain the 3-year estimates.

1.2 The American Community Survey Summary File

The American Community Survey Summary File (ACSSF) is a unique data product that includes all the estimates and margins of error from the Detailed Tables and geographies that are published for the ACS. Other ACS data products such as Subject Tables and Data Profiles are created from the Detailed Tables and are therefore not available in the Summary File.

Since the Detailed Tables contain a large number of cells, the tables are stored in a series of files with only the data from the tables, without such information as the title of the tables, the description of the rows, and the names of the geographic areas. That information is in other files that the user must merge with the data files to reproduce the tables.

The ACS Summary File data files are in American Standard Code for Information Interchange (ASCII) format. The files are divided into three types:

- Geographies – (position based)
- Estimates – (comma delimited)
- Margins of Error – (comma delimited)

[Chapter 2](#) discusses each component in detail and explains how to put them all together.

1.3 Topics and Geographies Covered

Data contained in the ACS Summary File cover demographic, social, economic, and housing subject areas. All Detailed Tables for the ACS 3-year estimates are in the Summary File and are listed in [Appendix E](#). This appendix also shows whether a table is available for download on American FactFinder.

The published ACS Summary File geographies cover areas that are based on “summary levels”. A summary level specifies the content and the hierarchical relationships of the geographic elements that are required to tabulate and summarize data. For example, summary level code “040” represents the U.S. States, Washington D.C., and Puerto Rico; while summary level code “050” represents counties and county equivalents within states.

In addition to the summary level concept, the ACS 3-year estimates are published for areas that have passed the required 20,000 population threshold.

Many resources are available to help users understand the ACS geographic terms and concepts. For additional information, please visit www.census.gov/geo/www/reference.html and http://www.census.gov/acs/www/guidance_for_data_users/geography/. Users may also find the full list of summary levels published for the 3-year Detailed Tables in [Appendix F](#).

1.4 Tools for Obtaining Data

Since using the ACS Summary File can be challenging, users should first check if their tables of interest are available for download on American FactFinder. (Up to 7,000 tables can be downloaded at one time using the American FactFinder Download Center.) Below are some other options to help users retrieve the tables they want. They are listed in order based on ease of use.

- Summary File Excel Retrieval Tool

The Summary File Excel Retrieval Tool is a macro-driven Excel spreadsheet that provides a method to easily retrieve a table for the nation, states, and all of the geographic areas in a state (or for all cross-state geographic areas such as metropolitan statistical areas or census regions). This tool is designed to be easy to use, and does not require any programming experience. There is a drop down menu from which the user can select the state for the table and receive data for all geographies within the state. One key requirement is that Microsoft Excel 2007 or later is needed. Other hardware and software requirements for the tool are listed in [Chapter 3.1](#). For more information about the application, see the ACS Summary File page at www.census.gov/acs/www/data_documentation/summary_file/.

- **Summary File Excel Import Tool**

The Summary File Excel Import Tool is a replicate of the Excel templates that Census 2000 provided for the SF3 summary file release. The Excel Import Tool provides a basic layout of each sequence in Excel in the same format as the estimate and margin of error files are formatted. For individuals that do not have Excel 2007 or later and are unable to use the Excel Retrieval Tool, the Excel Import Tool provides an alternative option to read the summary file into Excel. For more information on this tool, see [Chapter 3.3](#).

- **SAS Programs**

There are two programming options for SAS users. The first option is a set of individual SAS programs, one for each summary file by geography and sequence. These programs are best for users only interested in looking at a specific sequence for a specific geography. The second option is a single SAS program that is parameterized to allow users to read in any sequence for any geography into SAS. This program can also be used to read the entire summary file into SAS, and is designed for users looking for a large amount of data. For more information on these programs, see [Chapter 3.1](#).

1.5 Notable Changes to the Summary File

For those who have used the ACS Summary File in previous years, the files for the 3-year estimates are similar to prior publications, with the following exceptions:

- **The “merge_5_6” File Has Been Renamed**

The merge_5_6 file for the 2009 1-year Summary File links the tables to the sequence files. For the 2005-2009 ACS 5-year Summary file, it was renamed the “Sequence Number and Table Number Lookup” file, a name that more accurately describes the purpose and contents of this file. This name is also being used for the 2007-2009 ACS 3-year Summary File.

Note that the sequence numbers for the 2007-2009 ACS 3-year Summary File are different than the 2009 ACS 1-year Summary File and the 2005-2009 ACS 5-year Summary File.

- **Folders Have Been Renamed**

The names of the folders on the website that hold the zipped files have been modified to better describe their contents. These have been renamed in an effort to deter novice users from inadvertently downloading the entire contents of the Summary File.

Folder Name for the 2009 1-Year Summary File	Folder Name for the 2007-2009 3-Year Summary File	Folder Name for the 2005-2009 5-Year Summary File
Entire_SF	2007-2009_ACSSF_All_In_1_Giant_File(Experienced Users Only)	2005-2009_ACSSF_All_In_2_Giant_Files(Experienced Users Only)
Entire_States	2007-2009_ACSSF_By_State_All_Tables	2005-2009_ACSSF_By_State_All_Tables
Seq_by_ST	2007-2009_ACSSF_By_State_By_Sequence_Table_Subset	2005-2009_ACSSF_By_State_By_Sequence_Table_Subset

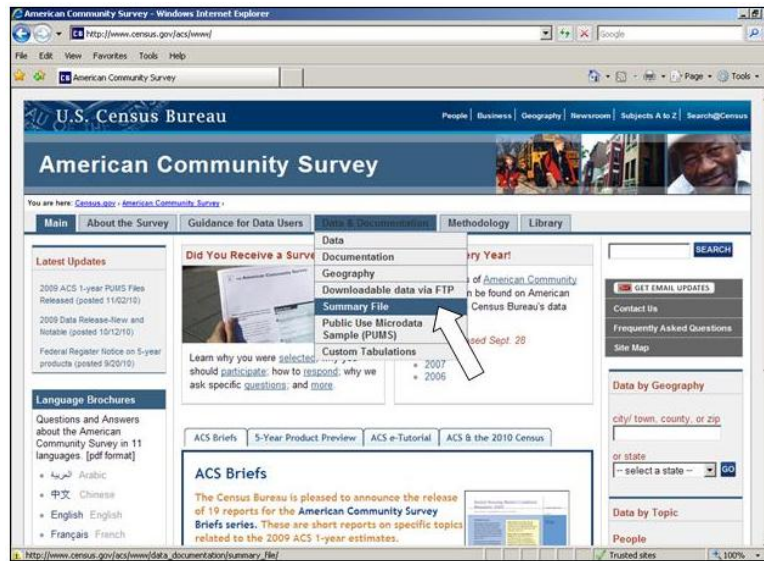
1.6 Contact Us

Please send any technical questions or comments on the ACS Summary File you have via email to: acso.users.support@census.gov. If you have questions or comments about the American Community Survey, you can submit a question online at ask.census.gov/.

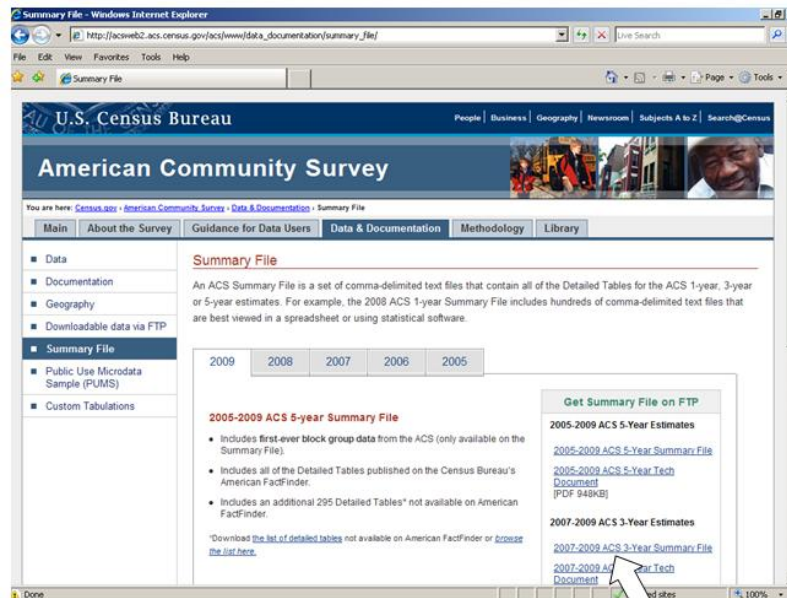
2 How to Use the ACS Summary File

2.1 Locating the Summary File

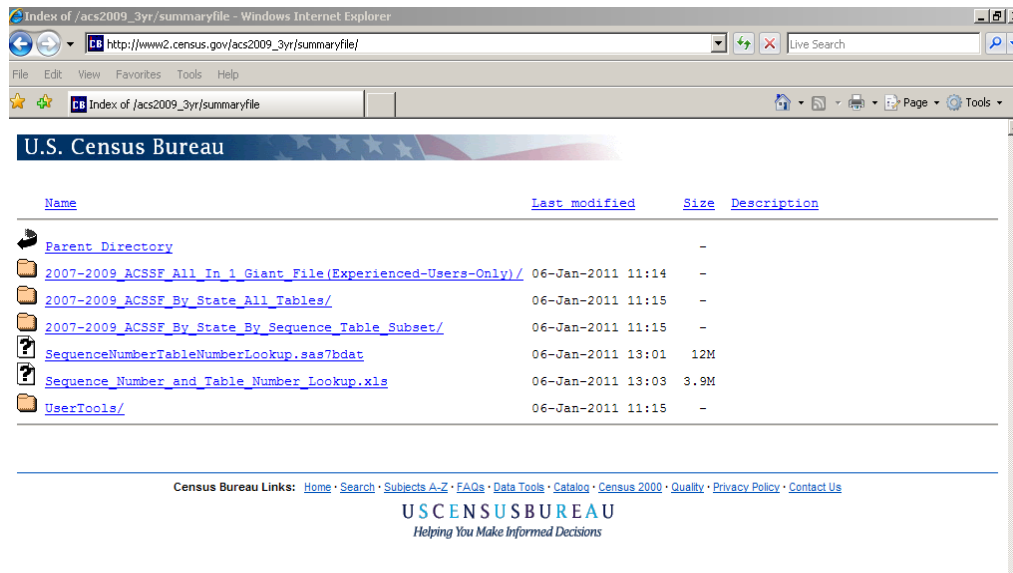
The 2007-2009 ACS 3-year Summary File is accessible from the American Community Survey home page. From the ACS home page, www.census.gov/acs, click on the **Data and Documentation** tab, select the option for **Summary File**, as shown below:



That will take you to the ACS Summary File page. As you can see below, the data are arranged by each ACS data year and estimate period (1-year, 3-year and 5-year). Click on **2007-2009 ACS 3-Year Summary File** to go to the ACS Summary File.



There you will see the following screen:



This is the ACS Summary File—it is actually comprised of three folders that are explained the next chapter.

2.2 Summary File Organization

The Summary File is organized in three folders as shown in the above screenshot. These three directories contain the same combination of files; they are simply arranged differently to accommodate various user needs:

- 2007-2009_ACSSF_All_In_1_Giant_File(Experienced Users Only)

The “All in 1 Giant File” directory contains a zipped file, which includes geography, estimate, and margin of error files. This zipped file is ideal to download if users want estimates and margins of error for all geographies throughout the nation at once. The file is very large and should only be used by those that can easily process a very large file. For a graphical representation of this folder and its contents, see [Appendix B.1](#).

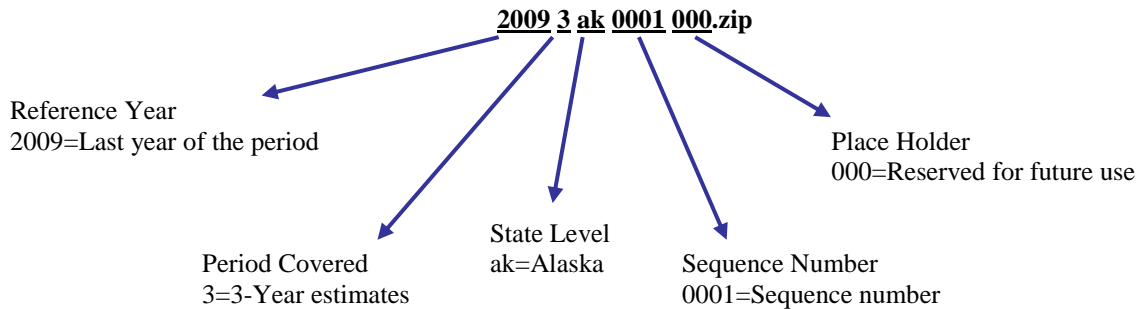
- 2007-2009_ACSSF_By_State_All_Tables

The “By State All Tables” directory contains zipped files for each state or state level equivalent--each of the 50 states, District of Columbia, Puerto Rico, as well as cross-state geographies such as metropolitan areas. Each zipped file contains a geography file and multiple estimate and margin of error files. Downloading from these state level folders is ideal if users want all the tables for a state level geography or cross-state geographies. For a graphical representation of this folder and its contents, see [Appendix B.2](#).

- 2007-2009_ACSSF_By_State_By_Sequence_Table_Subset

The “By State By Sequence Table Subset” directory contains folders for each state or state level equivalent--each of the 50 states, District of Columbia, Puerto Rico, as well as cross-state geographies such as metropolitan areas. Within those folders are a geography file and zipped files containing the estimate and margin of error files, one per “sequence” (sequences are explained in [Chapter 2.3](#)). Downloading from these folders is ideal if users only want a few tables for a state level geography or cross-state geographies. For a graphical representation of this folder and its contents, see [Appendix B.3](#).

The naming convention used for the zipped files is the following:



File Name: 20093ak0001000.zip		
Example	Name	Range or Type
2009	Reference Year	ACS data year (last year of the period for multiyear periods)
3	Period Covered	1=1-year, 3=3-year, 5=5-year
ak	State Level	US or abbreviations for state, District of Columbia, and Puerto Rico
0001	Sequence Number	0001 to 9999
000	Place Holder	Iteration value for future use

As [Appendix B](#) shows, the “All in 1 Giant File” and the “By State All Tables” folders contain the same tables as the “By State By Sequence Table Subset” folder. The difference is in the organization. The “By State All Tables” zipped files contain all of the sequence files for the given state, so each zipped file contains 354 files. The “All in 1 Giant File” zipped file contain all sequence files for all states, which is thousands of files.

As mentioned earlier, the zipped files are divided by state or state-level equivalents. Those state-level equivalents include the District of Columbia and Puerto Rico. There is also a level called “United States”, which is for summary levels that can cross state boundaries, such as the Nation, and all Regions, Divisions, Metropolitan Statistical Areas and Tribal Reservations. The United States level does not contain tables for geographies that are always entirely within a state, such as counties and places; for those tables, go to the folder or files for that state.

Below is a table that gives examples of the types of summary levels are in the state and state-level equivalent folders and files and those that are in the United States folders and files.

Each State, DC, and Puerto Rico	United States
State	United States
County	Region
County subdivision	Division
Place	Metropolitan or urban statistical areas
Congressional districts (110th Congress)	New England City and Town Area (NECTA)
Public Use Microdata Area (PUMA)	American Indian/Alaska Native/Hawaiian Home Land areas
School Districts	Urban areas
Alaska Native Regional Corporation	

2.3 Sequence Numbers

Detailed Tables for similar subject areas are grouped together in “sequences”. A sequence number is an assigned number to a grouping of ACS tables. The rules governing how many tables can be assigned the same sequence number depend on the following:

- There are no more than 256 columns per sequence, so the data can be read into a spreadsheet.
- There are 176 sequences for the 2007-2009 ACS 3-year Summary File.
- Tables are grouped into sequences according to subject area, but they are not in numerical order (i.e., Table B00001 is not in sequence file 0001).
- Tables with race iterations are grouped in the same sequence.

It is critical to know the sequence number associated with a Detailed Table (Table ID) for two reasons. First, one needs it in order to access the correct estimates and margins of error files for the desired table. Second, the field start position for the estimates or margins of error of a certain Detailed Table depends on its sequence number. The Sequence Number and Detailed Table Number Lookup file, available as an Excel spreadsheet or SAS dataset, lists Table IDs associated with each sequence number. This spreadsheet, formerly known as “merge_5_6”, is available at www2.census.gov/acs2009_3yr/summaryfile/. As the screenshot on the top of page 6 shows, the name of the Excel spreadsheet is “Sequence_Number_and_Detailed_Table_Number_Lookup.xls” and the SAS dataset is called “SequenceNumberDetailedTableNumberLookup.sas7bdat.”

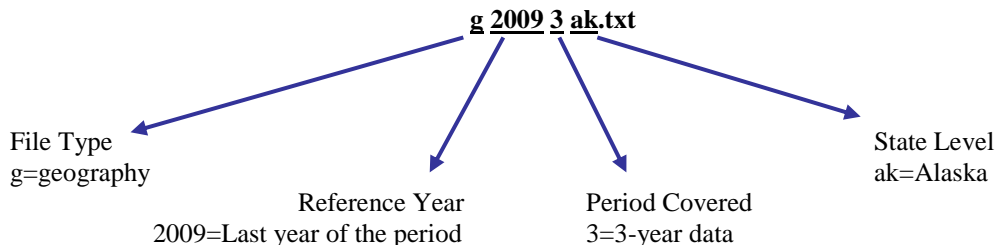
For example, to find the sequence number associated with the table B08406, a user must open and look for that Table ID in the Sequence Number and Table Number Lookup file. Shown below is a screenshot of this file opened to where the “tblid” is B08406. The next column in the file, “seq”, shows that this Table ID is associated with the sequence number “0003”. In order to access the estimate and margin of error file for Table B08406, a user will need to download the estimate and margin of error files labeled with the sequence number “0003”.

	fileid	tblid	seq	order	position	cells	total	title
367	ACSSF	B08406	0003			7	51 CELLS	SEX OF WORKERS BY MEANS OF TRANSPORTATION TO WORK FOR WORKPLACE GEOGRAPHY
368	ACSSF	B08406	0003					Universe: Workers 16 years and over
369	ACSSF	B08406	0003	1				Total:
370	ACSSF	B08406	0003	2				Car, truck, or van:
371	ACSSF	B08406	0003	3				Drove alone
372	ACSSF	B08406	0003	4				Carpooled:
373	ACSSF	B08406	0003	5				In 2-person carpool
374	ACSSF	B08406	0003	6				In 3-person carpool
375	ACSSF	B08406	0003	7				In 4-or-more-person carpool
376	ACSSF	B08406	0003	8				Public transportation (excluding taxicab):
377	ACSSF	B08406	0003	9				Bus or trolley bus
378	ACSSF	B08406	0003	10				Streetcar or trolley car (carro publico in Puerto Rico)
379	ACSSF	B08406	0003	11				Subway or elevated
380	ACSSF	B08406	0003	12				Railroad
381	ACSSF	B08406	0003	13				Ferryboat
382	ACSSF	B08406	0003	14				Bicycle
383	ACSSF	B08406	0003	15				Walked
384	ACSSF	B08406	0003	16				Taxicab, motorcycle, or other means
385	ACSSF	B08406	0003	17				Worked at home
386	ACSSF	B08406	0003	18				Male:

2.4 Geography File

There is a geography file that comes with the estimate and margin of error files. This file begins with a “g” and is an ASCII file using a position based format. A geography file exists for each state or state level equivalent.

Geography files are named using the following convention:



File Name: g20093ak.txt		
Example	Name	Range or Type
g	File Type	g=geography
2009	Reference Year	ACS data year (last year of the period for multiyear periods)
3	Period Covered	1=1-year, 3=3-year, 5=5-year
ak	State Level	US or abbreviations for state, District of Columbia, and Puerto Rico

The geography files contain geographic information for an ACS tabulated area, including the name of the area. One variable on the file, called LOGRECNO, is the logical record number and is used to link the level of geography to the estimate and margin of error files.

The following table provides the layout of the geography file:

Layout of the Geography File

Data Dictionary Reference Name	Description	Field Size	Starting Position	Geographic Summary Levels For 3-Year Tables
RECORD CODES				
FILEID	Always equal to ACS Summary File identification	6	1	All Summary Levels
STUSAB	State Postal Abbreviation	2	7	All Summary Levels
SUMLEVEL	Summary Level	3	9	All Summary Levels
COMPONENT	Geographic Component	2	12	All Summary Levels
LOGRECNO	Logical Record Number	7	14	All Summary Levels
GEOGRAPHIC AREA CODES				
US	US	1	21	010
REGION	Census Region	1	22	020
DIVISION	Census Division	1	23	030
STATECE	State (Census Code)	2	24	Reserved for future use
STATE	State (FIPS Code)	2	26	040, 050, 060, 160, 230, 312, 352, 500, 795, 950, 960, 970
COUNTY	County of current residence	3	28	050, 060
COUSUB	County Subdivision (FIPS)	5	31	060
PLACE	Place (FIPS Code)	5	36	160, 312, 352
TRACT	Census Tract	6	41	Reserved for future use
BLKGRP	Block Group	1	47	Reserved for future use
CONCIT	Consolidated City	5	48	Reserved for future use
AIANHH	American Indian Area/Alaska Native Area/ Hawaiian Home Land (Census)	4	53	250
AIANHHFP	American Indian Area/Alaska Native Area/ Hawaiian Home Land (FIPS)	5	57	Reserved for future use
AIHHTLI	American Indian Trust Land/ Hawaiian Home Land Indicator	1	62	Reserved for future use
AITSCS	American Indian Tribal Subdivision (Census)	3	63	Reserved for future use
AITSS	American Indian Tribal Subdivision (FIPS)	5	66	Reserved for future use
ANRC	Alaska Native Regional Corporation (FIPS)	5	71	230
CBSA	Metropolitan and Micropolitan Statistical Area	5	76	310, 312, 314
CSA	Combined Statistical Area	3	81	330
METDIV	Metropolitan Statistical Area-Metropolitan Division	5	84	314
MACC	Metropolitan Area Central City	1	89	Reserved for future use
MEMI	Metropolitan/Micropolitan Indicator Flag	1	90	010, 020, 030, 040, 314

Data Dictionary Reference Name	Description	Field Size	Starting Position	Geographic Summary Levels For 3-Year Tables
NECTA	New England City and Town Area	5	91	335, 350, 352
CNECTA	New England City and Town Combined Statistical Area	3	96	335
NECTADIV	New England City and Town Area Division	5	99	355
UA	Urban Area	5	104	400
BLANK		5	109	Reserved for future use
CDCURR	Current Congressional District ***	2	114	500
SLDU	State Legislative District Upper	3	116	Reserved for future use
SLDL	State Legislative District Lower	3	119	Reserved for future use
BLANK		6	122	Reserved for future use
BLANK		3	128	Reserved for future use
BLANK		5	131	Reserved for future use
SUBMCD	Subminor Civil Division (FIPS)	5	136	Reserved for future use
SDELM	State-School District (Elementary)	5	141	950
SDSEC	State-School District (Secondary)	5	146	960
SDUNI	State-School District (Unified)	5	151	970
UR	Urban/Rural	1	156	010, 020, 030, 040
PCI	Principal City Indicator	1	157	010, 020, 030, 040, 312, 352
BLANK		6	158	Reserved for future use
BLANK		5	164	Reserved for future use
PUMA5	Public Use Microdata Area – 5% File	5	169	795
BLANK		5	174	Reserved for future use
GEOID	Geographic Identifier	40	179	All Summary Levels
NAME	Area Name	200	219	All Summary Levels
BLANK		50	419	Reserved for future use

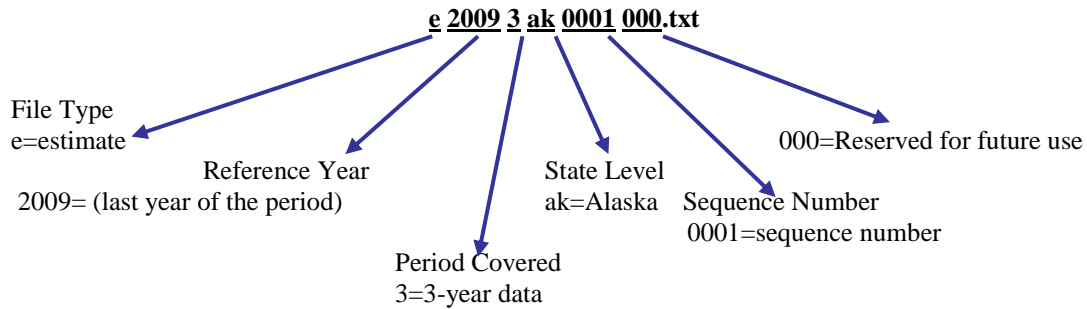
Each state, the District of Columbia, Puerto Rico and the set of cross-state geographies, have one geography file associated with them, regardless of how the Summary File is accessed. Below is a screenshot of an example of the beginning of the state geography file for Maryland. In the screenshot, the logical record numbers corresponding with the state of Maryland, Allegany County, and Anne Arundel County are circled. The logical record number for the state of Maryland is “0000001”, for Allegany County it is “0000012”, and for Anne Arundel County it is “0000013”.

Logical Record Number	Geography Description
0000001	Maryland
0000002	Maryland; Urban
0000003	Maryland; Rural
0000004	Maryland; In metropolitan or micropolitan statistical area
0000005	Maryland; In metropolitan statistical area
0000006	Maryland; In micropolitan statistical area -- in principal city
0000007	Maryland; In micropolitan statistical area -- not in principal city
0000008	Maryland; In micropolitan statistical area
0000009	Maryland; In micropolitan statistical area -- not in principal city
0000010	Maryland; Not in metropolitan or micropolitan statistical area
0000011	Maryland; Not in micropolitan statistical area
0000012	Allegany County, Maryland
0000013	Anne Arundel County, Maryland
0000014	Baltimore County, Maryland
0000015	Calvert County, Maryland

Excess spaces in the pictured geography file have been removed for illustrative purposes.

2.5 Estimate and Margin of Error Files

Each of the three Summary File directories include zipped files containing estimate files (file names beginning with an “e”) and margins of error files (file names beginning with an “m”). The estimate files contain published ACS estimates and the margin of error files contain published ACS margins of error for their respective estimates. Here is the naming convention used for those files:



File Name: e20093ak0003000.txt		
Example	Name	Range or Type
e	File Type	e=estimate, m=margin of error
2009	Reference Year	ACS data year (last year of the period for multiyear periods)
3	Period Covered	1=1-year, 3=3-year, 5=5-year
ak	State Level	US or abbreviations for state, District of Columbia and Puerto Rico
0003	Sequence Number	0001 to 9999
000	Reserved for future use	Iteration value for future use

The estimates and margins of error for Detailed Tables are grouped together in by sequence numbers, as discussed in [Chapter 2.3](#). There is an estimate and margin of error file for each sequence number.

The format of the estimate and margin of error files are identical; they are strings of comma-delimited ASCII text. Each row represents a different geographic area and the first six fields contain metadata such as the geographic area and the sequence number. Following those fields are the estimates or margins of error for the Detailed Tables. Starting and ending positions of the fields associated with each Detailed Table can be found using the Sequence Number and Table Number Lookup file, which is discussed in [Chapter 2.3](#). The estimates or margins of error for one Detailed Table span several fields within a row.

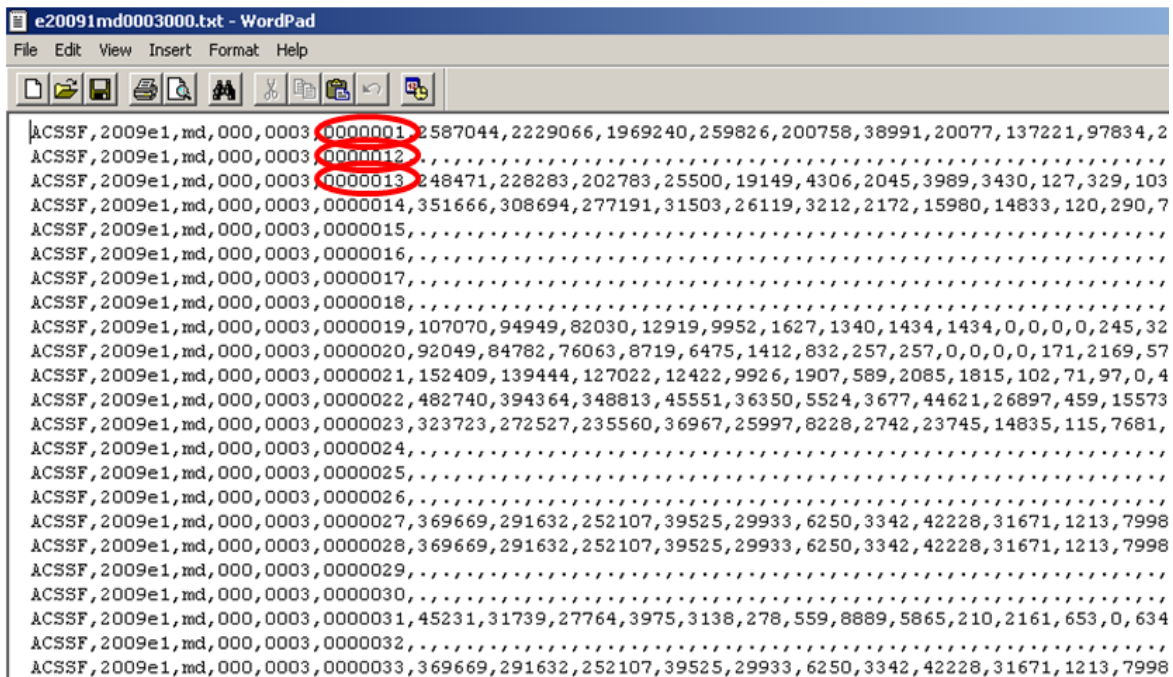
Here is the record layout of the estimates and the margin of error files:

Field Name	Description	Field Size
FILEID	File Identification	6 Characters
FILETYPE	File Type	6 Characters
STUSAB	State/U.S.-Abbreviation (USPS)	2 Characters
CHARITER	Character Iteration	3 Characters
SEQUENCE	Sequence Number	4 Characters
LOGRECNO	Logical Record Number	7 Characters
Field # 7 and up	Estimates	Various

Going back to the example from [Chapter 2.3](#), we know that table B08406 corresponds to sequence “0003”. Additionally, the Sequence Number and Table Number Lookup file (as shown earlier) tells us that table B08406 begins at position seven and contains 51 cells.

In order to get estimates for Maryland; Allegany County, MD; and Anne Arundel County, MD one must recall the logical record numbers associated with each geography. In [Chapter 2.4](#), we identified these to be “0000001”, “0000012”, and “0000013”, respectively. The logical record number, LOGRECNO, must be used to merge the geography information to the estimate and margin of error files.

The example below shows the estimate file for sequence “0003” and all geographies except census tracts and block groups for the state of Maryland. Note that each row has a uniquely assigned logical record number, called LOGRECNO, which links the estimate to a specific geographic area. The pictured example has the logical record numbers corresponding to Maryland, Allegany County, and Anne Arundel County circled. Estimates for table B08406 at these geographic levels can be found within their respective rows at field seven and continuing for 50 additional fields.



```

ACSSF,2009e1,md,000,0003,0000001,2587044,2229066,1969240,259826,200758,38991,20077,137221,97834,2
ACSSF,2009e1,md,000,0003,0000012,.....
ACSSF,2009e1,md,000,0003,0000013,248471,228283,202783,25500,19149,4306,2045,3989,3430,127,329,103
ACSSF,2009e1,md,000,0003,0000014,351666,308694,277191,31503,26119,3212,2172,15980,14833,120,290,7
ACSSF,2009e1,md,000,0003,0000015,.....
ACSSF,2009e1,md,000,0003,0000016,.....
ACSSF,2009e1,md,000,0003,0000017,.....
ACSSF,2009e1,md,000,0003,0000018,.....
ACSSF,2009e1,md,000,0003,0000019,107070,94949,82030,12919,9952,1627,1340,1434,1434,0,0,0,0,245,32
ACSSF,2009e1,md,000,0003,0000020,92049,84782,76063,8719,6475,1412,832,257,257,0,0,0,0,171,2169,57
ACSSF,2009e1,md,000,0003,0000021,152409,139444,127022,12422,9926,1907,589,2085,1815,102,71,97,0,4
ACSSF,2009e1,md,000,0003,0000022,482740,394364,348813,45551,36350,5524,3677,44621,26897,459,15573
ACSSF,2009e1,md,000,0003,0000023,323723,272527,235560,36967,25997,8228,2742,23745,14835,115,7681,
ACSSF,2009e1,md,000,0003,0000024,.....
ACSSF,2009e1,md,000,0003,0000025,.....
ACSSF,2009e1,md,000,0003,0000026,.....
ACSSF,2009e1,md,000,0003,0000027,369669,291632,252107,39525,29933,6250,3342,42228,31671,1213,7998
ACSSF,2009e1,md,000,0003,0000028,369669,291632,252107,39525,29933,6250,3342,42228,31671,1213,7998
ACSSF,2009e1,md,000,0003,0000029,.....
ACSSF,2009e1,md,000,0003,0000030,.....
ACSSF,2009e1,md,000,0003,0000031,45231,31739,27764,3975,3138,278,559,8889,5865,210,2161,653,0,634
ACSSF,2009e1,md,000,0003,0000032,.....
ACSSF,2009e1,md,000,0003,0000033,369669,291632,252107,39525,29933,6250,3342,42228,31671,1213,7998

```


3 User Tools

3.1 Summary File Excel Retrieval Tool

If only a few tables are needed, a useful tool is the Summary File Excel Retrieval Tool. If users have Excel 2007 or later, the tool is able to get tables from an entire sequence and from a summary level and component. Information on how to use Summary File Excel Retrieval Tool is located on the ACS Summary File page, at www.census.gov/acs/www/data_documentation/summary_file.

Hardware and Software requirements for the application include:

- Microsoft Windows XP Professional Service Pack 3 or newer (a Mac version is being developed)
- Winzip version 14.5 or compatible
- Office 2007 or newer
- DSL connection at 1.0 Mbps or greater is recommended

3.2 Summary File SAS Tool

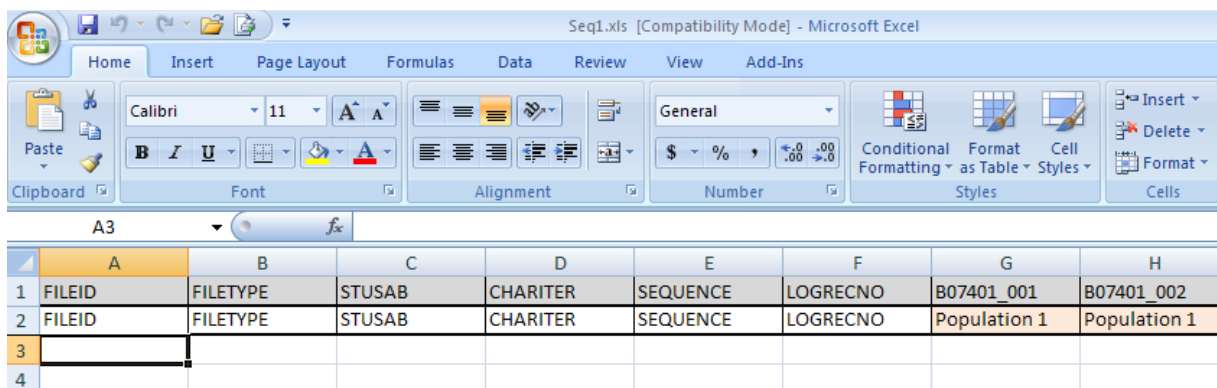
For users with SAS software, please visit the User Tools folder www2.census.gov/acs2009_3yr/summaryfile/UserTools/ to download SAS programs. These programs allow users to load the Summary File data into SAS Datasets. The SAS programs serve as a reference for the users, and include variable labels, however modifications may be necessary before users can get the data. After the needed Summary File data have been downloaded, users should specify the locations in the library references and the infile statements.

- 1) SF20093YR_SAS.zip – Contains SAS programs, which can be used to convert each estimate and margin of error into SAS Datasets. The SAS datasets include table stubs. There is one individual SAS program for each sequence per state.
- 2) SF_All_Macro.sas – This is a detailed example SAS program containing SAS macros which access the ACS Summary File geography, estimate and margin of error data. It creates one table for all geographies from the ACS Summary File. Segments of the SAS codes can be used to convert geography files into SAS datasets.

3.3 Summary File Excel Import Tool

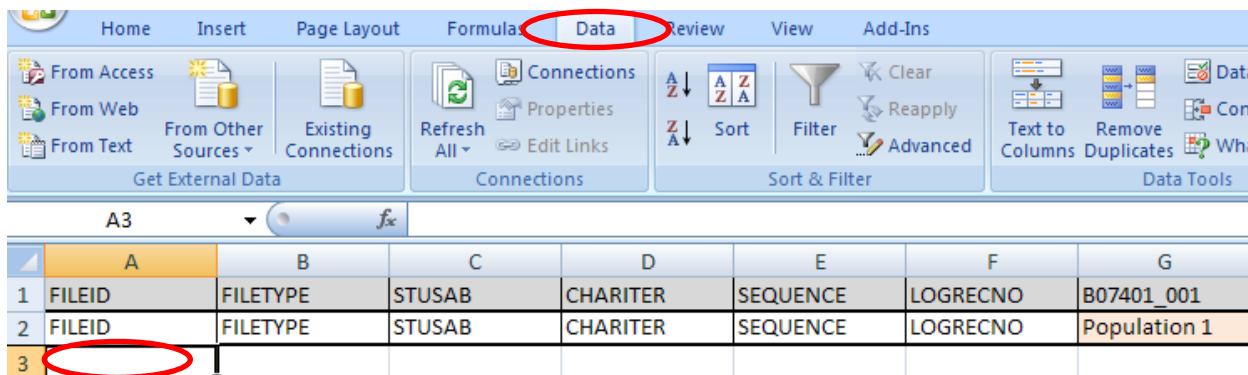
This tool requires that users first download the Summary File data and Excel Templates SummaryFileXLS.zip from www2.census.gov/acs2009_3yr/summaryfile/UserTools/. The zipped file is a compressed file that contains individual Excel files and one geography file per Summary File Sequence. This tool is designed to be compatible with any version of Excel. Following are instructions on how to use this tool.

Open the appropriate Excel template for the Sequence ID you would like to import into Excel. The file will default to open on sheet “E”. Both sheets “E” and “M” have the same information; one sheet is for “Estimates” and one sheet for “Margins of Error”. When the file is open in Excel it should appear as below:



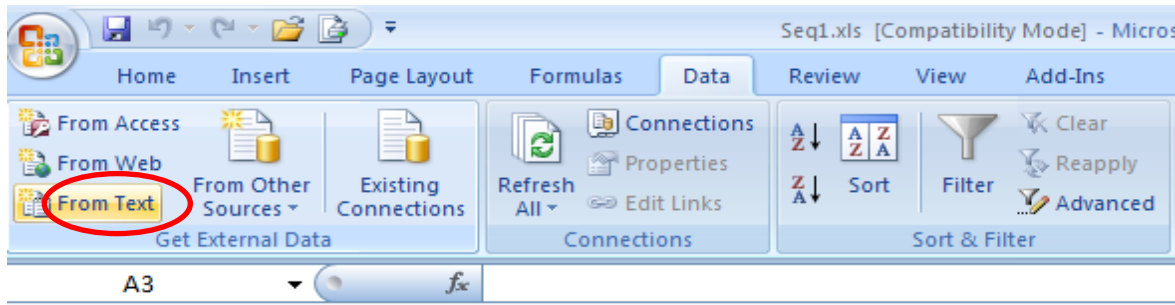
	A	B	C	D	E	F	G	H
1	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO	B07401_001	B07401_002
2	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO	Population 1	Population 1
3								
4								

Place your cursor in cell **A3** and click on the **Data** tab in the Excel tool bar. See below:



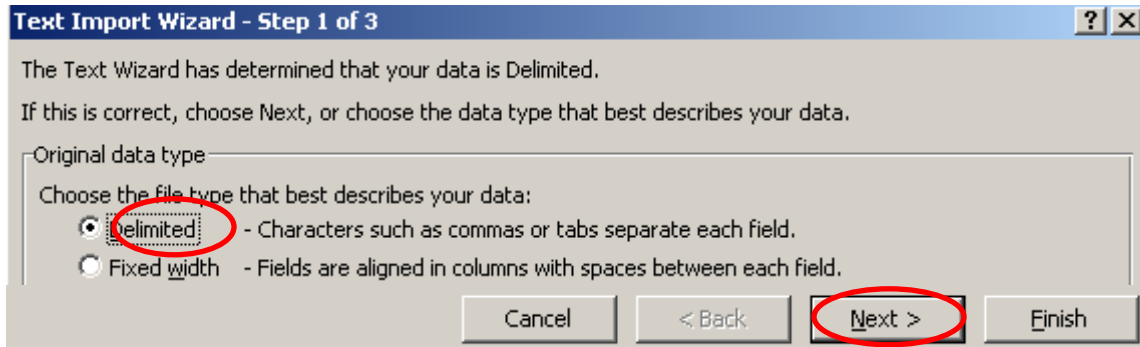
	A	B	C	D	E	F	G
1	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO	B07401_001
2	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO	Population 1
3							

To import the Summary File text file into Excel click on **From Text** in the **Get External Data** section of the tool bar.

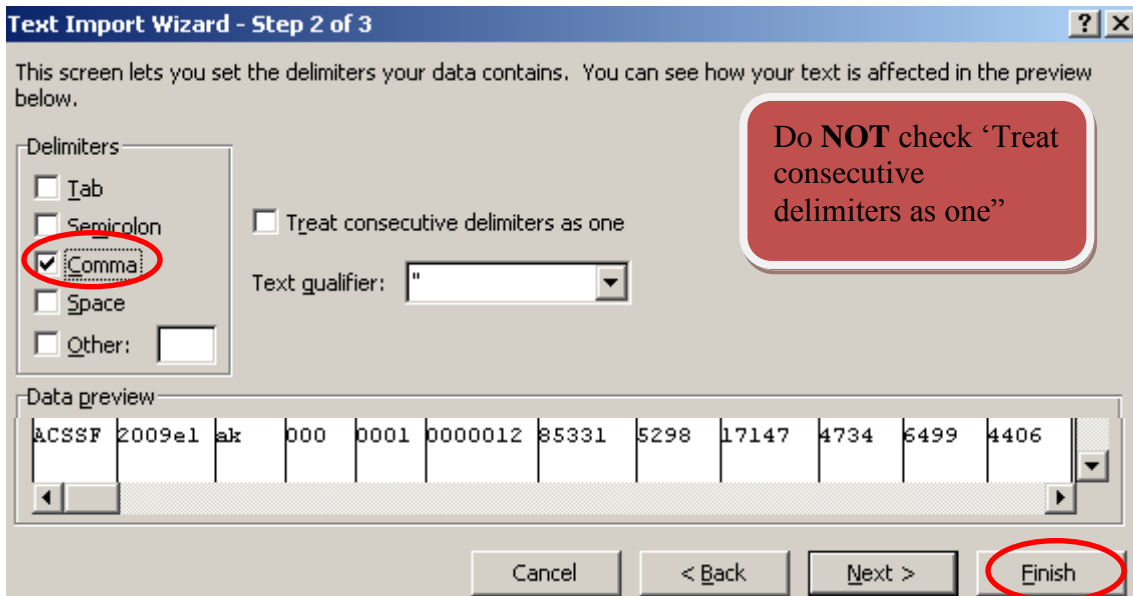


	A
1	

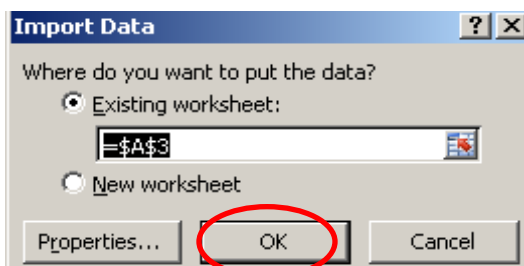
Step 1 of the **Text Import Wizard** will appear. Under **Original data type** choose **Delimited**, and then click **Next**.



Step 2 of the **Excel Text Import Wizard** will appear. Under **Delimiters** choose **Comma**. Users may click **Finish** to import the file or choose **Next** to format the Excel columns.



A Pop up window will appear to confirm cell **A3** as the correct cell. Click **OK**.



The summary file will be imported in Excel as below:

	G	H	I	J	K	L
1	B07401_001	B07401_002	B07401_003	B07401_004	B07401_005	B07401_006
2	Population 1 year and over in the United States	Population 1 year and over in the United States%1 to 4 years	Population 1 year and over in the United States%5 to 17 years	Population 1 year and over in the United States%18 and 19 years	Population 1 year and over in the United States%20 to 24 years	Population 1 year and over in the United States%25 to 29 years
3	711753	46387	132281	26759	58997	60325

Row 1 – Contains a unique identifier of Table ID and Line Number with a “_” between them

Row 2 – Contains the associated metadata for each unique Identifier

Row 3 – Is the first Row of the imported data

	A	B	C	D	E	F
1	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO
2	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO
3	ACSSF	20091 us		0	135	1

Column A – Is a constant value of “ACSSF” (stands for ACS Summary File)

Column B – Contains the associated metadata for each unique Identifier

Column C – Is the first Row of the imported data

3.4 Merging a Geography File with Estimates or Margins of Error Files in Excel

- 1) Download estimates and margins of error zipped files from the browser Internet Explorer and unzip to a local directory.
- 2) Download Excel geography file mini_geofile.xls to the same local directory from www2.census.gov/acs2009_3yr/summaryfile/UserTools/Geography/. Each worksheet in the mini_geofile.xls represents geographies that are within a state. Note that the us worksheet only contains summary levels that can cross state boundaries. They are not the data at the national summary level.
- 3) Download the Summary File Excel Import Tool from www2.census.gov/acs2009_3yr/summaryfile/UserTools/. Unzip the file to the same local directory.

- 4) Follow the instructions in [Chapter 3.3](#) to read in the data by the sequence. For example, here is the screenshot for sequence 1 (the screenshots are for illustration purposes only and may not reflect the current 3-year data):

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	FILEID	FILETYPE	ST	C	D	E	LOGRECNO	B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6	B07401_7	B07401_8	B07401_9	B07401_10	B07401_11	B07401_12
2	FILEID	FILETYPE	U	H	E	ECNO	Population	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio
3	ACSSF	2.01E+08	ca	0	1	1	35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055	2669018	2393225	2011105	1553675	1140047
4	ACSSF	2.01E+08	ca	0	1	13	1429027	83577	239198	33662	88861	114867	113564	114232	117032	113220	102494	89240	63546	43572
5	ACSSF	2.01E+08	ca	0	1	14	1292	41	269	73	47	34	105	84	105	155	129	81	69	48
6	ACSSF	2.01E+08	ca	0	1	15	37552	1234	5313	1182	1707	1601	1832	2444	2478	2997	3435	3484	2793	2107
7	ACSSF	2.01E+08	ca	0	1	16	210339	9187	33513	7891	27640	10915	9680	11036	12521	14690	15299	14385	11313	8504
8	ACSSF	2.01E+08	ca	0	1	17	46501	1586	7324	1184	2497	1643	1825	2143	3262	3791	4361	3967	4021	2761
9	ACSSF	2.01E+08	ca	0	1	18	20442	1379	4168	795	1720	1100	1249	1205	1434	1448	1406	1089	944	841
10	ACSSF	2.01E+08	ca	0	1	19	1000914	55041	189999	29303	59694	58100	59323	72211	81989	83956	75978	64383	51111	34621
11	ACSSF	2.01E+08	ca	0	1	20	27979	1207	4880	685	2074	1994	1836	1938	1960	2220	2190	1797	1427	927
12	ACSSF	2.01E+08	ca	0	1	21	173775	8418	31894	5224	8712	7741	8306	10628	14651	16687	16063	13481	11624	6993
13	ACSSF	2.01E+08	ca	0	1	22	873285	64124	192483	27386	70437	71972	59497	57283	58449	57343	51810	43321	33818	24703
14	ACSSF	2.01E+08	ca	0	1	23	27931	1750	6124	913	2002	1806	1699	1731	1787	1899	1840	1735	1193	1226
15	ACSSF	2.01E+08	ca	0	1	24	125537	5951	18533	3940	14867	8710	7157	7382	7497	9074	9935	9407	6654	4635
16	ACSSF	2.01E+08	ca	0	1	25	155457	11995	33489	5964	12419	10856	10093	9664	11327	10871	9120	7504	5383	4590
17	ACSSF	2.01E+08	ca	0	1	26	16924	687	2775	452	1072	730	772	772	1297	1479	1438	1450	1082	934
18	ACSSF	2.01E+08	ca	0	1	27	748753	55497	171481	24684	56575	55374	50684	49433	52647	52308	45554	36602	28158	22131
19	ACSSF	2.01E+08	ca	0	1	28	138697	9982	27598	4435	12907	12532	11430	12224	9758	9326	7279	5741	4676	3332
20	ACSSF	2.01E+08	ca	0	1	29	63531	2956	10849	1685	3607	3056	2863	3753	4112	5028	5316	4886	4532	3382
21	ACSSF	2.01E+08	ca	0	1	30	32641	1427	4712	809	2390	2861	2828	2934	2907	2897	2210	2219	1445	976
22	ACSSF	2.01E+08	ca	0	1	31	9724160	593885	1846456	281221	692146	802114	760768	760495	737833	706722	624235	515189	391138	289601
23	ACSSF	2.01E+08	ca	0	1	32	139891	9589	30163	4146	9547	9901	8751	9626	9493	9834	9033	8052	6696	5038

- 5) Next, pad 0s for logical record number LOGRECNO.

- a. Add a column next to LOGRECNO. To do this, **Highlight** column G, then **Right Click** and click **Insert**.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	FILEID	FILETYPE	ST	C	D	E	LOGRECNO	B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6	B07401_7	B07401_8	B07401_9	B07401_10	B07401_11	B07401_12
2	FILEID	FILETYPE	U	H	E	ECNO	Population	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio
3	ACSSF	2.01E+08	ca	0	1	1	35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055	2669018	2393225	2011105	1553675	1140047
4	ACSSF	2.01E+08	ca	0	1	13	1429027	83577	239198	33662	88861	114867	113564	114232	117032	113220	102494	89240	63546	43572
5	ACSSF	2.01E+08	ca	0	1	14	1292	41	269	73	47	34	105	84	105	155	129	81	69	48
6	ACSSF	2.01E+08	ca	0	1	15	37552	1234	5313	1182	1707	1601	1832	2444	2478	2997	3435	3484	2793	2107
7	ACSSF	2.01E+08	ca	0	1	16	210339	9187	33513	7891	27640	10915	9680	11036	12521	14690	15299	14385	11313	8504
8	ACSSF	2.01E+08	ca	0	1	17	46501	1586	7324	1184	2497	1643	1825	2143	3262	3791	4361	3967	4021	2761
9	ACSSF	2.01E+08	ca	0	1	18	20442	1379	4168	795	1720	1100	1249	1205	1434	1448	1406	1089	944	841
10	ACSSF	2.01E+08	ca	0	1	19	1000914	55041	189999	29303	59694	58100	59323	72211	81989	83956	75978	64383	51111	34621
11	ACSSF	2.01E+08	ca	0	1	20	27979	1207	4880	685	2074	1994	1836	1938	1960	2220	2190	1797	1427	927
12	ACSSF	2.01E+08	ca	0	1	21	173775	8418	31894	5224	8712	7741	8306	10628	14651	16687	16063	13481	11624	6993
13	ACSSF	2.01E+08	ca	0	1	22	873285	64124	192483	27386	70437	71972	59497	57283	58449	57343	51810	43321	33818	24703
14	ACSSF	2.01E+08	ca	0	1	23	27931	1750	6124	913	2002	1806	1699	1731	1787	1899	1840	1735	1193	1226
15	ACSSF	2.01E+08	ca	0	1	24	125537	5951	18533	3940	14867	8710	7157	7382	7497	9074	9935	9407	6654	4635
16	ACSSF	2.01E+08	ca	0	1	25	155457	11995	33489	5964	12419	10856	10093	9664	11327	10871	9120	7504	5383	4590

- b. For cells G1 and G2, put in **LOGRECNO** as the label.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	FILEID	FILETYPE	ST	CS	LOGRECNO	LOGRECNO		B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6	B07401_7	B07401_8	B07401_9	B07401_10	B07401_11	B07401_12
2	FILEID	FILETYPE	B	R	E	LOGRECNO	LOGRECNO	Population	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic
3	ACSSF	2.01E+08	ca	0	1	1		35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055	2669018	2393225	2011105	155367
4	ACSSF	2.01E+08	ca	0	1	13		1429027	83577	239198	33662	88861	114867	113564	114232	117032	113220	102494	89240	6354
5	ACSSF	2.01E+08	ca	0	1	14		1292	41	269	73	47	34	105	84	105	155	129	81	6
6	ACSSF	2.01E+08	ca	0	1	15		37552	1234	5313	1182	1707	1601	1832	2444	2478	2997	3435	3484	279
7	ACSSF	2.01E+08	ca	0	1	16		210339	9187	33513	7891	27640	10915	9680	11036	12521	14690	15299	14385	1131
8	ACSSF	2.01E+08	ca	0	1	17		46501	1586	7324	1184	2497	1643	1825	2143	3262	3791	4361	3967	402
9	ACSSF	2.01E+08	ca	0	1	18		20442	1379	4168	795	1720	1100	1249	1205	1434	1448	1406	1089	94
10	ACSSF	2.01E+08	ca	0	1	19		1000914	55041	189999	29303	59694	58100	59323	72211	81989	83956	75978	64383	5111
11	ACSSF	2.01E+08	ca	0	1	20		27979	1207	4880	685	2074	1994	1836	1938	1960	2220	2190	1797	142
12	ACSSF	2.01E+08	ca	0	1	21		173775	8418	31894	5224	8712	7741	8306	10628	14651	16687	16063	13481	1162
13	ACSSF	2.01E+08	ca	0	1	22		873285	64124	192483	27386	70437	71972	59497	57283	58449	57343	51810	43321	3381
14	ACSSF	2.01E+08	ca	0	1	23		27931	1750	6124	913	2002	1806	1699	1731	1787	1899	1840	1735	119
15	ACSSF	2.01E+08	ca	0	1	24		125537	5951	18533	3940	14867	8710	7157	7382	7497	9074	9935	9407	665
16	ACSSF	2.01E+08	ca	0	1	25		155457	11995	33489	5964	12419	10856	10093	9664	11327	10871	9120	7504	538

- c. Highlight cell G3 and enter the formula **=REPT("0",7-LEN(F3))&F3**, then hit Enter.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	FILEID	FILETYPE	ST	CS	LOGRECNO	LOGRECNO		B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6	B07401_7	B07401_8	B07401_9	B07401_10	B07401_11	B07401_12
2	FILEID	FILETYPE	B	R	E	LOGRECNO	LOGRECNO	Population	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic
3	ACSSF	2.01E+08	ca	0	1	1	0000001	35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055	2669018	2393225	2011105	155367
4	ACSSF	2.01E+08	ca	0	1	13		1429027	83577	239198	33662	88861	114867	113564	114232	117032	113220	102494	89240	6354
5	ACSSF	2.01E+08	ca	0	1	14		1292	41	269	73	47	34	105	84	105	155	129	81	6
6	ACSSF	2.01E+08	ca	0	1	15		37552	1234	5313	1182	1707	1601	1832	2444	2478	2997	3435	3484	279
7	ACSSF	2.01E+08	ca	0	1	16		210339	9187	33513	7891	27640	10915	9680	11036	12521	14690	15299	14385	1131
8	ACSSF	2.01E+08	ca	0	1	17		46501	1586	7324	1184	2497	1643	1825	2143	3262	3791	4361	3967	402
9	ACSSF	2.01E+08	ca	0	1	18		20442	1379	4168	795	1720	1100	1249	1205	1434	1448	1406	1089	94
10	ACSSF	2.01E+08	ca	0	1	19		1000914	55041	189999	29303	59694	58100	59323	72211	81989	83956	75978	64383	5111
11	ACSSF	2.01E+08	ca	0	1	20		27979	1207	4880	685	2074	1994	1836	1938	1960	2220	2190	1797	142
12	ACSSF	2.01E+08	ca	0	1	21		173775	8418	31894	5224	8712	7741	8306	10628	14651	16687	16063	13481	1162
13	ACSSF	2.01E+08	ca	0	1	22		873285	64124	192483	27386	70437	71972	59497	57283	58449	57343	51810	43321	3381
14	ACSSF	2.01E+08	ca	0	1	23		27931	1750	6124	913	2002	1806	1699	1731	1787	1899	1840	1735	119
15	ACSSF	2.01E+08	ca	0	1	24		125537	5951	18533	3940	14867	8710	7157	7382	7497	9074	9935	9407	665
16	ACSSF	2.01E+08	ca	0	1	25		155457	11995	33489	5964	12419	10856	10093	9664	11327	10871	9120	7504	538

- d. Copy and paste the formula in cell G3 down column G to the last row of the data.

Microsoft Excel - Seq1

File Edit View Insert Format Tools Data Window Help

Type a question for help

Calibri 11 B I U

G3 =REPT("0",7-LEN(F3))&F3

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	FILEID	FILETYPE	ST	CS	LOGRECNO	LOGRECNO	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0
2	FILEID	FILETYPE	B	R	LOGRECNO	LOGRECNO	Population	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio
3	ACSSF	2.01E+08	ca	0	1	0000001	1	1038	1035095	2569016	2686834	2547355	2651814	2677055	2669018	2393225	2011105	155367		
4	ACSSF	2.01E+08	ca	0	1	13		5198	33662	88861	114867	113564	114232	117032	113220	102494	89240	6354		
5	ACSSF	2.01E+08	ca	0	1	14		269	73	47	34	105	84	105	155	129	81	6		
6	ACSSF	2.01E+08	ca	0	1	15		5313	1182	1707	1601	1832	2444	2478	2997	3435	3484	275		
7	ACSSF	2.01E+08	ca	0	1	16		3513	7891	27640	10915	9680	11036	12521	14690	15299	14385	1131		
8	ACSSF	2.01E+08	ca	0	1	17		7324	1184	2497	1643	1825	2143	3262	3791	4361	3967	402		
9	ACSSF	2.01E+08	ca	0	1	18		4168	795	1720	1100	1249	1205	1434	1448	1406	1089	94		
10	ACSSF	2.01E+08	ca	0	1	19		9999	29303	59694	58100	59323	72211	81989	83956	75978	64383	5111		
11	ACSSF	2.01E+08	ca	0	1	20		4880	685	2074	1994	1836	1938	1960	2220	2190	1797	142		
12	ACSSF	2.01E+08	ca	0	1	21		1894	5224	8712	7741	8306	10628	14651	16687	16063	13481	1162		
13	ACSSF	2.01E+08	ca	0	1	22		2483	27386	70437	71972	59497	57283	58449	57343	51810	43321	3381		
14	ACSSF	2.01E+08	ca	0	1	23		5124	913	2002	1806	1699	1731	1787	1899	1840	1735	119		
15	ACSSF	2.01E+08	ca	0	1	24		8533	3940	14867	8710	7157	7382	7497	9074	9935	9407	665		
16	ACSSF	2.01E+08	ca	0	1	25		3489	5964	12419	10856	10093	9664	11327	10871	9120	7504	538		

Seq1

Refresh Data

Microsoft Excel - Seq1

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G3 =REPT("0",7-LEN(F3))&F3

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	FILEID	FILETYPE	ST	CS	LOGRECNO	LOGRECNO	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0
76	ACSSF	2.01E+08	ca	0	1	45276	0045276	781534	48484	151995	24281	53839	49549	46609	54060	59866	63828	57178	46929	3659
77	ACSSF	2.01E+08	ca	0	1	45277	0045277	53100	1908	7541	1170	3036	2999	2288	2897	3012	4166	4647	4349	413
78	ACSSF	2.01E+08	ca	0	1	45278	0045278	59766	3192	11625	1865	3536	3439	3134	3520	4094	4499	4208	4132	319
79	ACSSF	2.01E+08	ca	0	1	45279	0045279	177426	8830	31398	4998	11735	10525	8623	9692	12390	13599	13806	12950	1112
80	ACSSF	2.01E+08	ca	0	1	45280	0045280	3895829	256456	871794	126225	285348	272986	258187	277940	287538	282194	241748	192414	15150
81	ACSSF	2.01E+08	ca	0	1	45281	0045281	2025777	117589	380517	58595	146359	144545	132831	143742	149841	157269	142672	121524	9330
82	ACSSF	2.01E+08	ca	0	1	45282	0045282	396935	28384	74957	12463	33411	31130	28498	27051	28832	27567	25207	21800	1679
83	ACSSF	2.01E+08	ca	0	1	45283	0045283	2923356	177614	509251	82256	234625	239093	211194	211949	213545	220481	198883	164345	12716
84	ACSSF	2.01E+08	ca	0	1	45284	0045284	4153000	221890	650515	97626	242901	313546	323542	334600	337489	331492	305789	269702	20521
85	ACSSF	2.01E+08	ca	0	1	45285	0045285	1748599	109793	303994	46245	108499	131589	141886	148299	142639	137801	119215	96732	7363
86	ACSSF	2.01E+08	ca	0	1	45286	0045286	250126	10681	36290	8892	31933	11438	11281	14822	16215	19758	19951	17906	1365
87	ACSSF	2.01E+08	ca	0	1	45287	0045287	392499	23284	67529	15345	47494	20850	21958	24062	26961	27404	25737	22258	1746
88	ACSSF	2.01E+08	ca	0	1	45288	0045288	248447	13572	39243	9648	27214	12852	14117	16289	18000	19613	20201	18159	1279
89	ACSSF	2.01E+08	ca	0	1	45289	0045289	458542	23474	75936	13146	30451	30869	26073	30339	32992	37672	37228	33745	2612
90	ACSSF	2.01E+08	ca	0	1	45290	0045290	645707	43693	144555	21146	45830	44328	42067	46093	46461	46767	40530	33289	2649
91	ACSSF	2.01E+08	ca	0	1	45291	0045291	32641	1427	4712	809	2390	2861	2828	2934	2907	2897	2210	2219	144
92	ACSSF	2.01E+08	ca	0	1	45292	0045292	96027	3328	14645	2379	4802	4186	3670	5470	6017	8407	9194	9053	732
93	ACSSF	2.01E+08	ca	0	1	45293	0045293	86287	4595	14617	2364	5418	4959	4760	5420	5269	6266	6897	6889	592
94	ACSSF	2.01E+08	ca	0	1	45294	0045294	401151	21799	78010	11690	28965	26850	26259	28478	30476	32071	29611	24533	1896
95	ACSSF	2.01E+08	ca	0	1	45295	0045295	408127	31911	96422	13971	30984	30438	27047	27144	26095	26357	23095	20059	1548
96	ACSSF	2.01E+08	ca	0	1	45296	0045296	156545	10749	32649	4664	11155	11600	10375	10329	10799	11106	9534	8606	719

6) Add geographies by using common merged keys.

- a. To add geographies, insert two extra columns next to the padded LOGRECNO column G, and label them GEOID and Geography Name. Open the geography ca.xls file and keep both Seq1.xls and ca.xls files open.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
	FILEID	FILETYPE	ST	CS	LOGRECNO	LOGRECNO	GEOID	Geography Name											
1										B07401_0	B07401_	B07401_	B07401_	B07401_	B07401_	B07401_	B07401_	B07401_	B07401_
2	FILEID	FILETYPE	B	R	E	LOGRECNO	LOGRECNO	GEOID	Geography Name	Population	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio
3	ACSSF	2.01E+08	ca	0	1	1	0000001			35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055	2669
4	ACSSF	2.01E+08	ca	0	1	13	0000013			1429027	83577	239198	33662	88861	114867	113564	114232	117032	113
5	ACSSF	2.01E+08	ca	0	1	14	0000014			1292	41	269	73	47	34	105	84	105	
6	ACSSF	2.01E+08	ca	0	1	15	0000015			37552	1234	5313	1182	1707	1601	1832	2444	2478	2
7	ACSSF	2.01E+08	ca	0	1	16	0000016			210339	9187	33513	7891	27640	10915	9680	11036	12521	14
8	ACSSF	2.01E+08	ca	0	1	17	0000017			46501	1586	7324	1184	2497	1643	1825	2143	3262	3
9	ACSSF	2.01E+08	ca	0	1	18	0000018			20442	1379	4168	795	1720	1100	1249	1205	1434	1
10	ACSSF	2.01E+08	ca	0	1	19	0000019			1000914	55041	189999	29303	59694	58100	59323	72211	81989	83
11	ACSSF	2.01E+08	ca	0	1	20	0000020			27979	1207	4880	685	2074	1994	1836	1938	1960	2
12	ACSSF	2.01E+08	ca	0	1	21	0000021			173775	8418	31894	5224	8712	7741	8306	10628	14651	16
13	ACSSF	2.01E+08	ca	0	1	22	0000022			873285	64124	192483	27386	70437	71972	59497	57283	58449	57
14	ACSSF	2.01E+08	ca	0	1	23	0000023			27931	1750	6124	913	2002	1806	1699	1731	1787	1
15	ACSSF	2.01E+08	ca	0	1	24	0000024			125537	5951	18533	3940	14867	8710	7157	7382	7497	9
16	ACSSF	2.01E+08	ca	0	1	25	0000025			155457	11995	33489	5964	12419	10856	10093	9664	11327	10

- b. Add GEOID by using LOGRECNO as the common merged key from both Seq1.xls and ca.xls. **Highlight** cell H3 and enter the formula: **=VLOOKUP(G3,[mini_geofile.xls]ca!B:C,2,0)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
	FILEID	FILETYPE	ST	CS	LOGRECNO	LOGRECNO	GEOID	Geography Name											
1										B07401_0	B07401_	B07401_	B07401_	B07401_	B07401_	B07401_	B07401_	B07401_	B07401_
2	FILEID	FILETYPE	B	R	E	LOGRECNO	LOGRECNO	GEOID	Geography Name	Population	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio
3	ACSSF	2.01E+08	ca	0	1	1	0000001	04000U506		35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055	2669
4	ACSSF	2.01E+08	ca	0	1	13	0000013			1429027	83577	239198	33662	88861	114867	113564	114232	117032	113
5	ACSSF	2.01E+08	ca	0	1	14	0000014			1292	41	269	73	47	34	105	84	105	
6	ACSSF	2.01E+08	ca	0	1	15	0000015			37552	1234	5313	1182	1707	1601	1832	2444	2478	2
7	ACSSF	2.01E+08	ca	0	1	16	0000016			210339	9187	33513	7891	27640	10915	9680	11036	12521	14
8	ACSSF	2.01E+08	ca	0	1	17	0000017			46501	1586	7324	1184	2497	1643	1825	2143	3262	3
9	ACSSF	2.01E+08	ca	0	1	18	0000018			20442	1379	4168	795	1720	1100	1249	1205	1434	1
10	ACSSF	2.01E+08	ca	0	1	19	0000019			1000914	55041	189999	29303	59694	58100	59323	72211	81989	83
11	ACSSF	2.01E+08	ca	0	1	20	0000020			27979	1207	4880	685	2074	1994	1836	1938	1960	2
12	ACSSF	2.01E+08	ca	0	1	21	0000021			173775	8418	31894	5224	8712	7741	8306	10628	14651	16
13	ACSSF	2.01E+08	ca	0	1	22	0000022			873285	64124	192483	27386	70437	71972	59497	57283	58449	57
14	ACSSF	2.01E+08	ca	0	1	23	0000023			27931	1750	6124	913	2002	1806	1699	1731	1787	1
15	ACSSF	2.01E+08	ca	0	1	24	0000024			125537	5951	18533	3940	14867	8710	7157	7382	7497	9
16	ACSSF	2.01E+08	ca	0	1	25	0000025			155457	11995	33489	5964	12419	10856	10093	9664	11327	10

- c. Add geography names by using GEOID as the common merged key from both Seq1.xls and ca.xls. **Highlight** cell I3 and enter the formula: **=VLOOKUP(H3,[mini_geofile.xls]ca!C:D,2,0)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	FILEID	FILETYPE	ST	C	SE	LOGRECNO	LOGRECNO	GEOID	Geography Name	B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6	B07401_7	B07401_8
2	FILEID	FILETYPE	B	R	E	LOGRECNO	LOGRECNO	GEOID	Geography Name	Population	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic
3	ACSSF	2.01E+08	ca	0	1	1	0000001	04000US06	California	35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055
4	ACSSF	2.01E+08	ca	0	1	13	0000013			1429027	83577	239198	33662	88861	114867	113564	114232	117032
5	ACSSF	2.01E+08	ca	0	1	14	0000014			1292	41	269	73	47	34	105	84	105
6	ACSSF	2.01E+08	ca	0	1	15	0000015			37552	1234	5313	1182	1707	1601	1832	2444	2478
7	ACSSF	2.01E+08	ca	0	1	16	0000016			210339	9187	33513	7891	27640	10915	9680	11036	12521
8	ACSSF	2.01E+08	ca	0	1	17	0000017			46501	1586	7324	1184	2497	1643	1825	2143	3262
9	ACSSF	2.01E+08	ca	0	1	18	0000018			20442	1379	4168	795	1720	1100	1249	1205	1434
10	ACSSF	2.01E+08	ca	0	1	19	0000019			1000914	55041	189999	29303	59694	58100	59323	72211	81989
11	ACSSF	2.01E+08	ca	0	1	20	0000020			27979	1207	4880	685	2074	1994	1836	1938	1960
12	ACSSF	2.01E+08	ca	0	1	21	0000021			173775	8418	31894	5224	8712	7741	8306	10628	14651
13	ACSSF	2.01E+08	ca	0	1	22	0000022			873285	64124	192483	27386	70437	71972	59497	57283	58449
14	ACSSF	2.01E+08	ca	0	1	23	0000023			27931	1750	6124	913	2002	1806	1699	1731	1787
15	ACSSF	2.01E+08	ca	0	1	24	0000024			125537	5951	18533	3940	14867	8710	7157	7382	7497
16	ACSSF	2.01E+08	ca	0	1	25	0000025			155457	11995	33489	5964	12419	10856	10093	9664	11327

- d. **Highlight** both cells H3 and I3 and **right click** to copy the formulas.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	FILEID	FILETYPE	ST	C	SE	LOGRECNO	LOGRECNO	GEOID	Geography Name	B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6	B07401_7	B07401_8
2	FILEID	FILETYPE	B	R	E	LOGRECNO	LOGRECNO	GEOID	Geography Name	Population	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic
3	ACSSF	2.01E+08	ca	0	1	1	0000001	04000US06	California	35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055
4	ACSSF	2.01E+08	ca	0	1	13	0000013			1429027	83577	239198	33662	88861	114867	113564	114232	117032
5	ACSSF	2.01E+08	ca	0	1	14	0000014			1292	41	269	73	47	34	105	84	105
6	ACSSF	2.01E+08	ca	0	1	15	0000015			37552	1234	5313	1182	1707	1601	1832	2444	2478
7	ACSSF	2.01E+08	ca	0	1	16	0000016			210339	9187	33513	7891	27640	10915	9680	11036	12521
8	ACSSF	2.01E+08	ca	0	1	17	0000017			46501	1586	7324	1184	2497	1643	1825	2143	3262
9	ACSSF	2.01E+08	ca	0	1	18	0000018			20442	1379	4168	795	1720	1100	1249	1205	1434
10	ACSSF	2.01E+08	ca	0	1	19	0000019			1000914	55041	189999	29303	59694	58100	59323	72211	81989
11	ACSSF	2.01E+08	ca	0	1	20	0000020			27979	1207	4880	685	2074	1994	1836	1938	1960
12	ACSSF	2.01E+08	ca	0	1	21	0000021			173775	8418	31894	5224	8712	7741	8306	10628	14651
13	ACSSF	2.01E+08	ca	0	1	22	0000022			873285	64124	192483	27386	70437	71972	59497	57283	58449
14	ACSSF	2.01E+08	ca	0	1	23	0000023			27931	1750	6124	913	2002	1806	1699	1731	1787
15	ACSSF	2.01E+08	ca	0	1	24	0000024			125537	5951	18533	3940	14867	8710	7157	7382	7497
16	ACSSF	2.01E+08	ca	0	1	25	0000025			155457	11995	33489	5964	12419	10856	10093	9664	11327

- e. Copy and paste the formulas down the H3 and I3 columns to the last row of the data.

Microsoft Excel - Seq1

File Edit View Insert Format Tools Data Window Help

Type a question for help

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H3 =VLOOKUP(G3,[ca.xls]Sheet1!B:C,2,0)

	A	B	C	D	E	F	G	H	I	J
1	FILEID	FILETYPE	ST	CS	LOGRECNO	LOGRECNO	GEOID	Geography Name		807401_0K B
76	ACSSF	2.01E+08	ca	0	1	45276	0045276	31100US3710006	California (part); Oxnard-Thousand Oaks-Ventura, CA Metro Area	781534
77	ACSSF	2.01E+08	ca	0	1	45277	0045277	31100US3802006	California (part); Phoenix Lake-Cedar Ridge, CA Micro Area	53100
78	ACSSF	2.01E+08	ca	0	1	45278	0045278	31100US3978006	California (part); Red Bluff, CA Micro Area	59766
79	ACSSF	2.01E+08	ca	0	1	45279	0045279	31100US3982006	California (part); Redding, CA Metro Area	177426
80	ACSSF	2.01E+08	ca	0	1	45280	0045280	31100US4014006	California (part); Riverside-San Bernardino-Ontario, CA Metro Area	3895829
81	ACSSF	2.01E+08	ca	0	1	45281	0045281	31100US4090006	California (part); Sacramento--Arden-Arcade--Roseville, CA Metro Area	2025777
82	ACSSF	2.01E+08	ca	0	1	45282	0045282	31100US4150006	California (part); Salinas, CA Metro Area	396935
83	ACSSF	2.01E+08	ca	0	1	45283	0045283	31100US4174006	California (part); San Diego-Carlsbad-San Marcos, CA Metro Area	2923356
84	ACSSF	2.01E+08	ca	0	1	45284	0045284	31100US4186006	California (part); San Francisco-Oakland-Fremont, CA Metro Area	4153000
85	ACSSF	2.01E+08	ca	0	1	45285	0045285	31100US4194006	California (part); San Jose-Sunnyvale-Santa Clara, CA Metro Area	1748599
86	ACSSF	2.01E+08	ca	0	1	45286	0045286	31100US4202006	California (part); San Luis Obispo-Paso Robles, CA Metro Area	250126
87	ACSSF	2.01E+08	ca	0	1	45287	0045287	31100US4206006	California (part); Santa Barbara-Santa Maria-Goleta, CA Metro Area	392499
88	ACSSF	2.01E+08	ca	0	1	45288	0045288	31100US4210006	California (part); Santa Cruz-Watsonville, CA Metro Area	248447
89	ACSSF	2.01E+08	ca	0	1	45289	0045289	31100US4222006	California (part); Santa Rosa-Petaluma, CA Metro Area	458542
90	ACSSF	2.01E+08	ca	0	1	45290	0045290	31100US4470006	California (part); Stockton, CA Metro Area	645707
91	ACSSF	2.01E+08	ca	0	1	45291	0045291	31100US4500006	California (part); Susanville, CA Micro Area	32641
92	ACSSF	2.01E+08	ca	0	1	45292	0045292	31100US4602006	California (part); Truckee-Grass Valley, CA Micro Area	96027
93	ACSSF	2.01E+08	ca	0	1	45293	0045293	31100US4638006	California (part); Ukiah, CA Micro Area	86287
94	ACSSF	2.01E+08	ca	0	1	45294	0045294	31100US4670006	California (part); Vallejo-Fairfield, CA Metro Area	401151
95	ACSSF	2.01E+08	ca	0	1	45295	0045295	31100US4730006	California (part); Visalia-Porterville, CA Metro Area	408127
96	ACSSF	2.01E+08	ca	0	1	45296	0045296	31100US4970006	California (part); Yuba City, CA Metro Area	156545
97										

Seq1

4 User References

4.1 Detailed Tables for the 2007-2009 ACS 3-Year Estimates

It contains information on all detailed tables included in the 2007-2009 ACS 3-year Summary File. The table list is located in [Appendix E](#).

4.2 2007-2009 ACS 3-Year Summary Levels/Components For Detailed Tables

It contains a list of the summary levels and components that are included in the 2007-2009 ACS 3-Year Detailed Tables. The list is located in [Appendix F](#).

4.3 Sequence Number and Table Number Lookup

It contains information on the relationship between the sequences and the tables, and indicates the relationship between the sequences and the subject areas. The Sequence Number and Table Number Lookup is available in both Excel and SAS dataset format, and is located here: www2.census.gov/acs2009_3yr/summaryfile/.

4.4 Table Shells List

It contains Table ID, Line Number, Unique ID (table ID + Line Number) and stub. The table shells list is located on the following site: www2.census.gov/acs2009_3yr/summaryfile/.

4.5 Excel Geography File

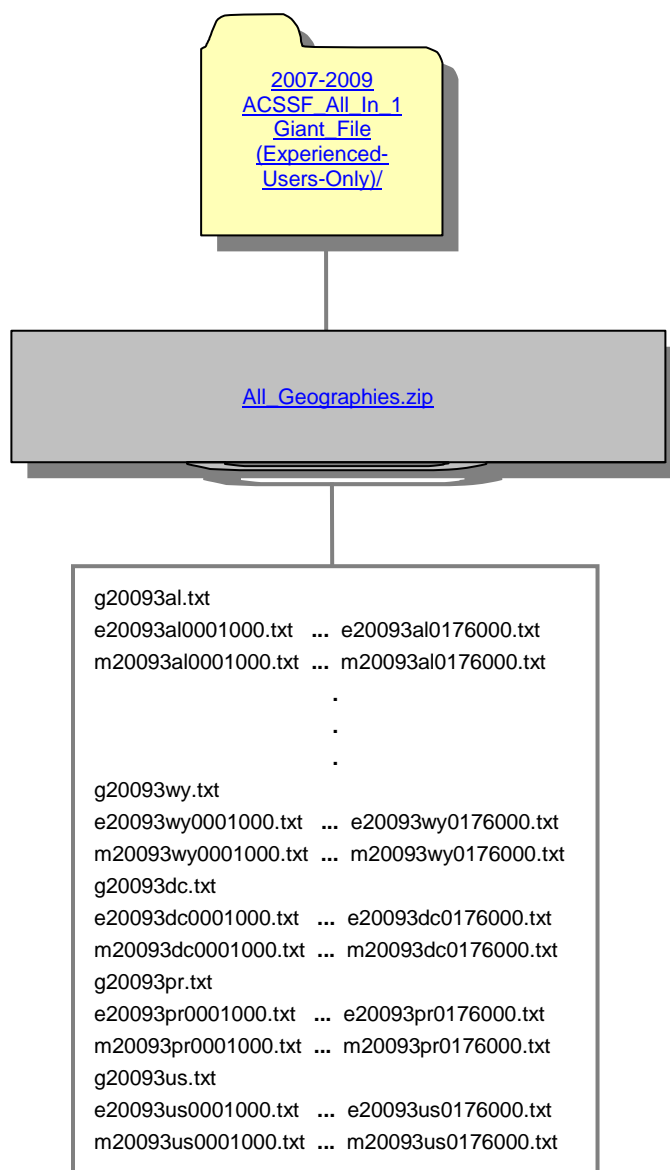
It contains logical record numbers (LOGRECNO), geography ID, and geographic labels by state. There are total of 53 tabs in the spreadsheet: one for each state, the District of Columbia and Puerto Rico, and one for geographies that cross state boundaries. The mini geography file list is located on the following site: www2.census.gov/acs2009_3yr/summaryfile/UserTools/Geography/.

Appendix A: Supplemental Documentation

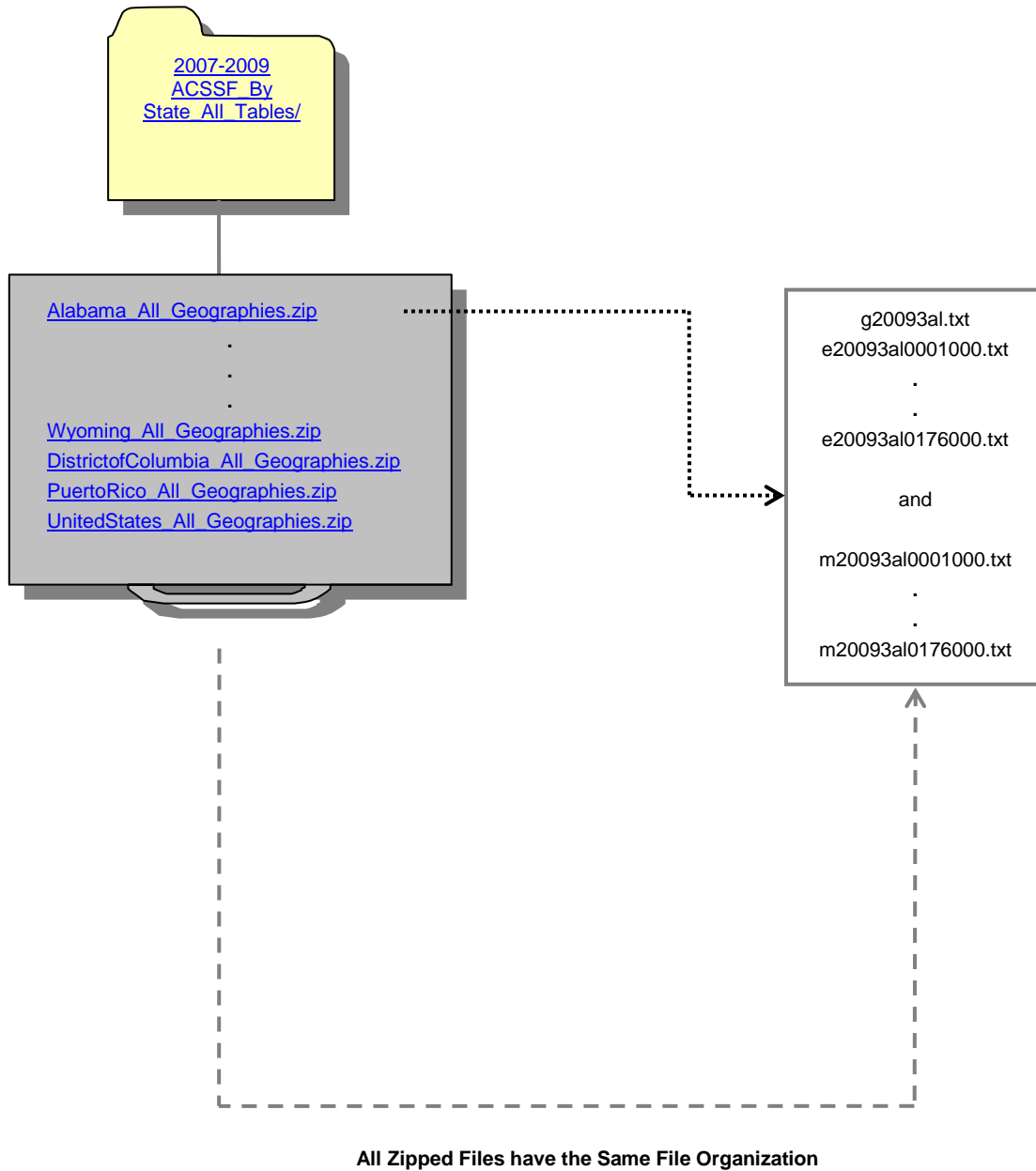
Supplemental documentation concerning the American Community Survey, to assist users using this technical document, is located on the ACS Website at: www.census.gov/acs/www/data_documentation/documentation_main/. Documents such as the Subject Definitions, Accuracy of the Data, and Code Lists are available on the URL listed above.

Appendix B: Graphical Representation of ACS Summary File Organization

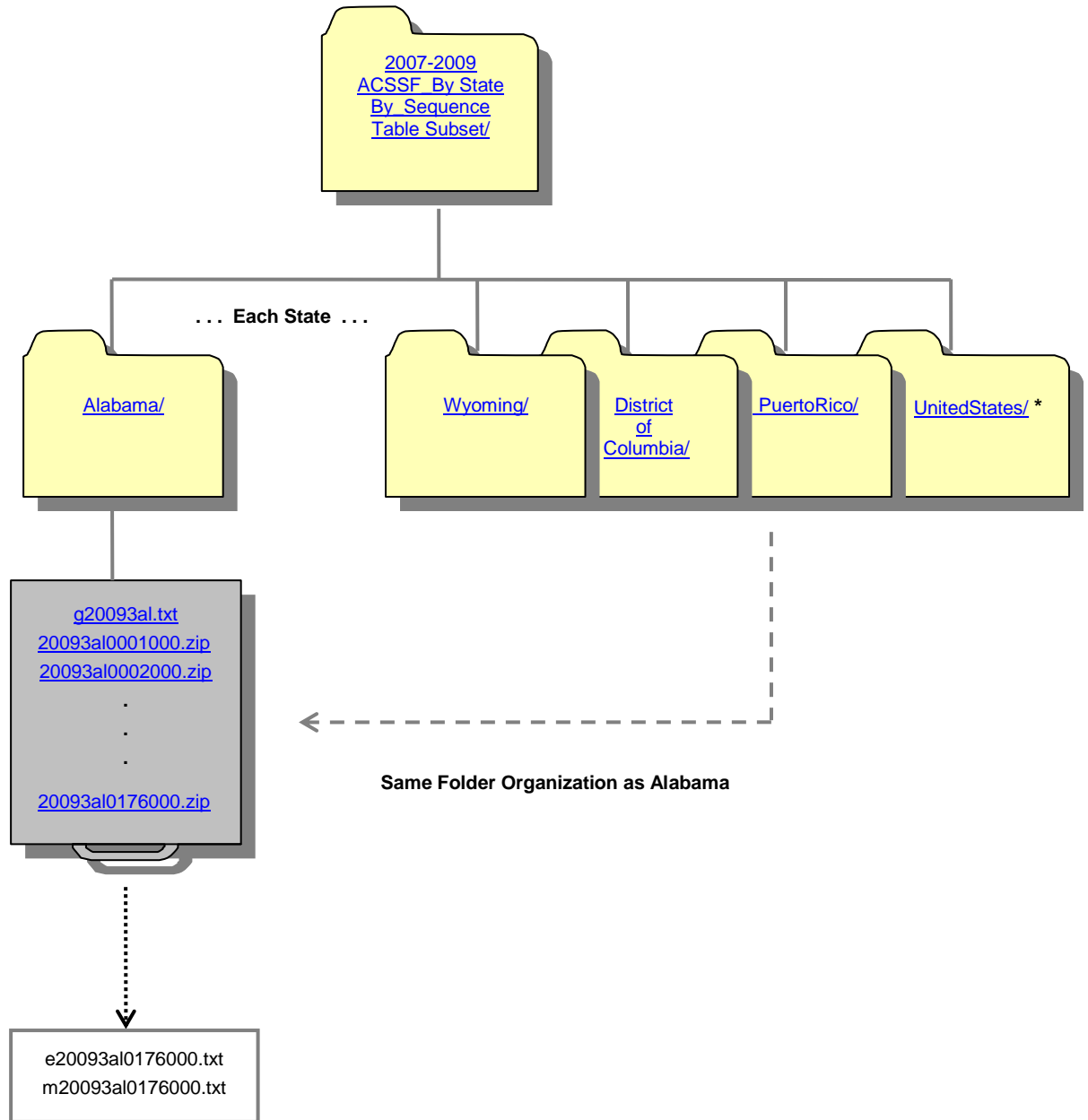
B.1 2007-2009 ACSSF All In 1 Giant File (Experienced-Users-Only)



B.2 2007-2009 ACSSF By State All Tables



B.3 2007-2009 ACSSF By State By Sequence Table Subset



* The United States folder contains tables for summary levels that cross state boundaries, such as the nation, regions, divisions, metropolitan statistical areas and tribal reservations. It does not contain tables for geographies that are entirely within a state, such as counties and places; for those tables, go to the folder for that state.

Appendix C: User Notes

C.1 Population Thresholds

The ACSO publishes data for 1-year, 3-year, and 5-year estimates, with population thresholds set for the 1-year and 3-year estimates to produce reliable data. Here is a brief comparison of the three types of estimates:

1-Year Estimates	3-Year Estimates	5-Year Estimates
<ul style="list-style-type: none"> Published for selected geographic areas with populations of 65,000 or greater Represent the average characteristics over a calendar year Have less published geographic areas than the 3-year and 5-year estimates 	<ul style="list-style-type: none"> Published for selected geographic areas with populations of 20,000 or greater Represent the average characteristics over the 3-year period of time Have more published geographic areas than the 1-year estimates but less than the 5-year estimates 	<ul style="list-style-type: none"> No population threshold and published for small geographic areas Represent the average characteristics over the 5-year period of time Have more published areas than the 1-year and 3-year estimates

For more information on the ACS estimates, users are encouraged to visit the ACS website www.census.gov/acs/www/guidance_for_data_users/estimates/.

C.2 Geography Restrictions

For data quality and geographic reasons, some tables are published with specific geography restrictions. For example, the table B05001-PR, Citizenship Status in Puerto Rico, is produced for Puerto Rico only, and the table B08501, Means Of Transportation To Work By Age For Workplace Geography, is only produced for the work place geographies. [Appendix E](#) has a complete list of tables and their geography restrictions, and [Appendix F](#) has a complete list of ACS 3-year published summary levels and components. Other examples include the quality measures tables (the B98 series) and detailed occupation tables.

C.3 Jam Values

Some data values represent unique situations where either the information to be conveyed is an explanation for the absence of data, represented by a symbol in the data display, such as "(X)", or the information to be conveyed is an open-ended distribution, such as 115 or greater, represented by 115+.

The following special data values (and their meaning), can appear in the ACS Summary File table as an explanation for the absence of data:

- Filtered Value or Missing Value = “.”

A dot “.” indicates that the estimate is unavailable. All ACS tables contain these values when estimates are missing due to no sample observations or too few sample observations. It could also indicate that the estimate was removed due to Disclosure Review Board (DRB) requirements. Filtered values will also appear as missing values; for more details on filtering, see [Appendix C.5](#). In the margin of error files, this value could also indicate that the margin of error is unavailable for a median estimate that has been replaced with a jam value.

- Geographic Restriction = “ ”

A blank indicates that a value is not shown due to a geographic restriction. For example, there are some estimates that are not computed at all for certain geographies, such as tables that are not tabulated for the block group level.

- Margin of Error (MOE) = “0”

A “0” entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate. This is similar to the “*****” symbol used in American FactFinder.

- Negative 1= “-1”

This indicates that an estimate does not contain a Margin of Error. Tables B00001, B00002, and tables starting with B98 and B99 do not have margin of error (MOE) associated with them. The MOE calculations are set to -1 for these tables.

- Medians

Below is a listing of the jam values for medians. For example, if there is an estimate of "2499" for table B10010, then it does not indicate a dollar amount. It means that the median is somewhere below 2,500 and thus isn't calculated.

Jam Value	Actual Meaning	Use for Medians
0	1 or less	Age, Duration of Marriage
9	9.0 or more	Rooms
10	10.0 or less	Gross Rent as Percentage of Income, Owner Costs as Percentage of Income
50	50.0 or more	Gross Rent as Percentage of Income, Owner Costs as Percentage of Income
99	100 or less	Rent, Gross Rent, Selected Monthly Owner Costs, Monthly Housing Costs
101	101 or more	Duration of Marriage
116	115 or more	Age

Jam Value	Actual Meaning	Use for Medians
199	200 or less	Tax
1001	1,000 or more	Selected Monthly Owner Costs
1939	1939 or earlier	Year Built
1969	1969 or earlier	Year Moved In
2001	2,000 or more	Rent, Gross Rent
2005	2005 or later	Year Built, Year Moved In
2499	2,500 or less	Income, Earnings
4001	4,000 or more	Selected Monthly Owner Costs, Monthly Housing Costs
9999	10,000 or less	Value
10001	10,000 or more	Tax
200001	200,000 or more	Income
250001	250,000 or more	Income, Earnings
1000001	1,000,000 or more	Value

C.4 Rounding Rules and Margins of Error

B00001, B00002, B98001, and B98002 are sample counts, not estimates, and do not have margin of error (MOE) associated with them. Tables in series B99* imputation tables and B98* quality measure tables (except B98001 and B98002) do not provide margin of error calculations. The margin of error calculations are set to -1 for these tables.

There are a few special rules on how certain margin of error are determined for ACS estimates. The accuracy of the estimate (decimal place) within the detailed tables determines how many digits the margin of error is rounded.

The only exceptions to these rules are tables B19082 (Shares of aggregate household income by quintile) and B19083 (index of income inequality, commonly known as GINI). B19082 has estimates rounded to one decimal place and MOE rounded to two decimal places. B19083 has estimates rounded to three decimal places and MOE rounded to four decimal places.

C.5 Data Release Filtering Rules

Filtering rules, based on statistical reliability of the survey estimates, are used because certain geographic areas contain detailed tables include estimates whose level of reliability is unacceptable. The data release rules for the American Community Survey data tables include the following.

Every base table consists of a series of estimates. If more than half the estimates are not statistically different from 0 (at a 90 percent confidence level), then the table fails. Each estimate is subject to sampling variability that is summarized by its standard error. Dividing the standard error by the estimate yields the coefficient of variation (CV) for each of the estimates. (If the

estimate is 0, a CV of 100 percent is assigned.) To implement this requirement for each table at a given geographic area, CVs are calculated for each of the table's estimates, and the median CV value is determined. If the median CV value for the table is less than or equal to 61 percent, the table passes for that geographic area; if it is greater than 61 percent, the table fails. Tables that are too sparse will fail this test. In that case, the table will not be published for that geographic area. Whenever a table fails, a simpler table that collapses some of the detailed lines together can be substituted for the original, more detailed table. The rules are then applied to the simpler table. If it passes, the simpler table is released. If it fails, none of the estimates for that particular table is released for this geographic area. These rules are applied to single-year period estimates and multi-year period estimates based on three years of sample data.

C.6 Display of Estimates

The estimates in the summary files are stored using standard notation instead of in scientific notation. The estimates are stored as whole numbers. The largest estimate in a Summary File contains 14 digits.

C.7 Sequences Used Only for United States Tables or Only for Puerto Rico Tables

There are 72 tables that differ between the United States (the 50 states and the District of Columbia) and Puerto Rico. The tables are different because the comparable tables may they contain different metadata (such as C06001 having 45 cells and C06001PR having 37 cells). To identify what tables are available for Puerto Rico only look for the "PR" suffix in the table id (e.g. C06001PR). Because of that, there are sequence files that apply only to the 50 states and the District of Columbia or only to Puerto Rico:

US/State-only Sequences – Missing PR Data	PR Only Sequences – Missing US/State Data
1 (US)	167 (PR)
2 (US)	168 (PR)
23 (US)	169 (PR)
24 (US)	170 (PR)
28 (US)	171 (PR)
29 (US)	172 (PR)
30 (US)	173 (PR)
31 (US)	174 (PR)
32 (US)	175 (PR)
165 (US)	176 (PR)

Therefore, for sequences 167-176 for areas other than Puerto Rico, the sequence files exist, but they are blank.

C.8 Multiple Sequences For a Table

There are eight tables with more than the maximum 245 cells that cannot fit into a single sequence, so each of these tables is broken into multiple sequence files. The table below shows the tables that contain multiple sequences:

Tables That Are Contained in More Than One Sequence File

Table ID	Table Title	Sequences
B24010	Sex By Occupation For The Civilian Employed Population 16 Years And Over	107, 108
B24020	Sex By Occupation For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over	113, 114
B24121	Detailed Occupation By Median Earnings In The Past 12 Months For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over	126, 127, 128
B24122	Detailed Occupation By Median Earnings In The Past 12 Months For The Full-Time, Year-Round Civilian Employed Male Population 16 Years And Over	129, 130, 131
B24123	Detailed Occupation For The Full-Time, Year Round Civilian Employed Population 16 Years And Over	132, 133, 134
B24124	Detailed Occupation For The Full-Time, Year Round Civilian Employed Male Population 16 Years And Over	135, 136, 137
B24125	Detailed Occupation For The Full-Time, Year Round Civilian Employed Male Population 16 Years And Over	138, 139, 140
B24126	Detailed Occupation For The Full-Time, Year Round Civilian Employed Female Population 16 Years And Over	141, 142, 143

The last six tables on the list are only produced at the United States national level (summary level 010), and the files for these sequences will be blank for all other summary levels.

Appendix D: Examples

D.1 Creating a Table

The following 5-year Summary File example is also applicable to the 3-year Summary File. Let's say that you want to create Table B08406, "Sex of workers by means of transportation to work for workplace geography," for the state of Alaska. Which files do you need? How do you read the files?

You will need three files:

- 1) The Sequence_Number_and_Table_Number_Lookup.xls spreadsheet
- 2) The zipped file 20095ak0003000.zip and the data file e20095ak0003000.txt
- 3) The geography file (g20095ak.txt)

Start with the Sequence_Number_and_Table_Number_Lookup.xls spreadsheet. Under the "Tblid" column, look for the value "B08406". You will see that the "Sequence Number" is "0003." This means that the estimates you are looking for are in the data file "e20095ak0003000.txt". How do you know this is the right file? You know this from the name of the file: the "e" stands for estimate, "2009" is the year, "5" means that these are 5-year estimates, "ak" is the state (Alaska), and "0003" is the sequence number (which contains the data for Table B08406). Likewise, you need the "m20095ak0003000.txt" file for the margins of error. These two files will be found in a zipped file specifying that it is all geographies that are "not track (or) block groups". That is because we want the estimates and margins of error for the state level, Alaska. See [Chapter 2.5](#) for more information.

When you open the estimate file, e20095ak0003000.txt, you will see the following comma-delimited fields on the first line:

```
ACSSF,2009e5,ak,000,0003,0000001,333471,266201,220762,45439,36132,5602,3705,...
```

The first six fields – from "ACSSF" to "0000001" – are identifiers:

- 1) The first field tells you that this is an ACS Summary File;
- 2) The second tells you that these data are five-year estimates for the year 2005-2009 (notice the "e" before "2009" and the "5" at the end);
- 3) The third tells you the state, ie. "ak" is Alaska;
- 4) The fourth is an iteration number;
- 5) The fifth is the sequence number,
- 6) The last is a logical record code, LOGRECNO. The LOGRECNO identifies the geographic area within a state.

These identifiers begin each new line in the estimate file, and the same holds true for the margin of error files. You can compare these identifiers with those in the respective margin of error file, m20095ak0003000.txt.

Then use the geography file for Alaska to determine the location within the state to which the data refer. The appropriate file is g20095ak.txt, where “g” stands for geography, “2009” is the year, “5” is the period estimate (in this case, 5-year estimate), and “ak” is the state. The geography file, g20095ak.txt, defines the LOGRECNO. Each LOGRECNO in this file specifies a geographic area pertaining to the state. For example, a LOGRECNO of “0000001” means the state of Alaska; a LOGRECNO of “0000002” means just the urban areas in Alaska; a LOGRECNO of “0000003” refers to just rural areas in Alaska. (Each state geography file also contains the lower-case FIPS State Code.) Please be aware that each state has its own geography file. For more information, see [Chapter 2.4](#).

Glancing back at the Sequence Number and Table Number Lookup file, you will see that Table B08406 in sequence “0003” begins at the seventh position. From this point forward, for 51 fields (indicated on the same file), each field corresponds to the value of a “line number” in the table. So, field number seven, the 333471 value, corresponds to line number one, which is “Total”. Field number eight, the 266201 value, refers to line number two, which is “Car, Truck, or Van.” Field number nine, the 220762 value, corresponds to line number three, which is “Drove alone.” This continues all the way up to line number 51, at which point Table B08406 ends.

Were you to read all these files into a computer program using software such as SAS, you could translate the first nine fields of e20095ak0003000.txt as follows:

TABLE B08406: SEX OF WORKERS BY MEANS OF TRANSPORTATION TO WORK FOR WORKPLACE GEOGRAPHY

FILEID	FILE TYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO	Total	Car, Truck, or Van	Drove Alone
ACSSF	2009e5	ak	000	0003	0000001	333471	266201	220762
ACSSF	2009e5	ak	000	0003	0000013	2440	340	252
ACSSF	2009e5	ak	000	0003	0000014	5266	1046	620
ACSSF	2009e5	ak	000	0003	0000015	151263	135626	114936
ACSSF	2009e5	ak	000	0003	0000016	6421	2455	1586

Merging the geography file, the table shell, and the estimate and margin of error files together creates an excerpt of Table B08406, shown below:

Table ID	Line Number	Sequence Number	Table Title	Estimates	Margin of Error
B08406		003	SEX OF WORKERS BY MEANS OF TRANSPORTATION TO WORK FOR WORKPLACE GEOGRAPHY		
B08406		003	Universe: Workers 16 years and over		
B08406	1	003	Total:	333,471	+/-2,630
B08406	2	003	Car, truck, or van:	266,201	+/-2,589
B08406	3	003	Drove alone	220,762	+/-2,439
B08406	4	003	Carpooled:	45,439	+/-1,795
B08406	5	003	In 2-person carpool	36,132	+/-1,596

D.2 Creating a Table Using SAS

Here is an example of how to access the Summary Files for one table for all geographies from the ACS summary file. The following 5-year Summary File example is also applicable to the 3-year Summary File.

Question: I am interested in downloading table B01001 for all published ACS geographies, how would I do this?

- 1) Go to the Sequence Number and Detailed Table Number Lookup File ([Chapter 2.3](#)) to locate sequence number for table B01001. There are Excel and SAS dataset versions of the file. They are available at www2.census.gov/acs2009_5yr/summaryfile
- 2) Use the Summary File SAS Example Macros located at www2.census.gov/acs2009_5yr/summaryfile/UserTools/. Run the macro:

```
%TableShell(B01001);
```

This macro will provide metadata information on a given table, in this case B01001.

- 3) The following SAS dataset will be created with information about table B01001:

Table ID	Sequence Number	Line Number	Start Position	Total Cells in Table	Total Cells in Sequence	Table Title
B01001	0013		7	49 CELLS		SEX BY AGE
B01001	0013					Universe: Total population
B01001	0013	1				Total:
B01001	0013	2				Male:
B01001	0013	3				Under 5 years
B01001	0013	47				75 to 79 years
B01001	0013	48				80 to 84 years
B01001	0013	49				85 years and over

We can see that table B01001 is located in Sequence 0013; this applies to all published geographies.

- 4) We can read into SAS all tables in the 0013 sequence by running the SAS Example Macros:

```
%CallSt;
```

This macro will run a do loop creating State two-digit abbreviations, which will allow a simple way to read the Summary Files into SAS for all geographies. Each time a valid two digit state abbreviation is created, the macro %AllSeqs is run with the two digit state abbreviation.

The **%AllSeqs** Macro performs the following tasks:

- A. Read the geographic header file - **%AnyGeo** Macro.
 - B. There is a do loop to allow you to choose which sequences you would like to read in for example if you wanted sequence 0010 set the loop to be `do x=13 %to 13;` - The 0 values will be filled in.
 - C. Within the do loop the following macros will be executed:
 - a. **%TablesBySeq**, -- This will give information about the whole 0003 sequence, not just table B01001.
 - b. **%ReadDataFile** – This macro is called two times once for each type of estimate. This macro will generate and run SAS code for each sequence specified in the do loop in step 2 and for each geography specified in the **%CallSt** macro.
 - c. Lastly, there is a merge statement that will merge together each of the three types of estimates and the geography header file by sequence number per geography.
- 5) You now will have all tables in the 0013 sequence read into SAS in the following dataset names, if the code is not modified, in the work directory Sf0013<st two-digit abbrev>.sas7bdat.

Appendix E: Detailed Tables for the 2007-2009 ACS 3-Year Estimates

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B00001	Unweighted Sample Count Of The Population		12	7-7
B00002	Unweighted Sample Housing Units		12	8-8
B01001	Sex By Age		13	7-55
B01001A	Sex By Age (White Alone)		13	56-86
C01001A	Sex By Age (White Alone)		13	180-188
B01001B	Sex By Age (Black Or African American Alone)		13	87-117
C01001B	Sex By Age (Black Or African American Alone)		13	189-197
B01001C	Sex By Age (American Indian And Alaska Native Alone)		13	118-148
C01001C	Sex By Age (American Indian And Alaska Native Alone)		13	198-206
B01001D	Sex By Age (Asian Alone)		13	149-179
C01001D	Sex By Age (Asian Alone)		13	207-215
B01001E	Sex By Age (Native Hawaiian And Other Pacific Islander Alone)		14	7-37
C01001E	Sex By Age (Native Hawaiian And Other Pacific Islander Alone)		14	193-201
B01001F	Sex By Age (Some Other Race Alone)		14	38-68
C01001F	Sex By Age (Some Other Race Alone)		14	202-210
B01001G	Sex By Age (Two Or More Races)		14	69-99
C01001G	Sex By Age (Two Or More Races)		14	211-219
B01001H	Sex By Age (White Alone, Not Hispanic Or Latino)		14	100-130
C01001H	Sex By Age (White Alone, Not Hispanic Or Latino)		14	220-228
B01001I	Sex By Age (Hispanic Or Latino)		14	131-161
C01001I	Sex By Age (Hispanic Or Latino)		14	229-237
B01002	Median Age By Sex		14	162-164
B01002A	Median Age By Sex (White Alone)		14	165-167
B01002B	Median Age By Sex (Black Or African American Alone)		14	168-170
B01002C	Median Age By Sex (American Indian And Alaska Native)		14	171-173
B01002D	Median Age By Sex (Asian Alone)		14	174-176
B01002E	Median Age By Sex (Native Hawaiian And Other Pacific Islander Alone)		14	177-179
B01002F	Median Age By Sex (Some Other Race Alone)		14	180-182
B01002G	Median Age By Sex (Two Or More Races)		14	183-185
B01002H	Median Age By Sex (White Alone, Not Hispanic Or Latino)		14	186-188
B01002I	Median Age By Sex (Hispanic Or Latino)		14	189-191
B01003	Total Population		14	192-192
B02001	Race		15	7-16
B02003	Race	National Level Only	15	17-87
C02003	Race		15	174-192
B02005	American Indian And Alaska Native Alone For Selected Tribal Groupings		15	88-133
C02005	American Indian And Alaska Native Alone For Selected Tribal Groupings		15	193-201
B02006	Asian Alone By Selected Groups		15	134-152
C02006	Asian Alone By Selected Groups		15	202-209
B02007	Native Hawaiian And Other Pacific Islander Alone By Selected Groups		15	153-167
C02007	Native Hawaiian And Other Pacific Islander Alone By Selected Groups		15	210-214

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B02008	White Alone Or In Combination With One Or More Other Races		15	168-168
B02009	Black Or African American Alone Or In Combination With One Or More Other Races		15	169-169
B02010	American Indian And Alaska Native Alone Or In Combination With One Or More Other Races		15	170-170
B02011	Asian Alone Or In Combination With One Or More Other Races		15	171-171
B02012	Native Hawaiian And Other Pacific Islander Alone Or In Combination With One Or More Other Races		15	172-172
B02013	Some Other Race Alone Or In Combination With One Or More Other Races		15	173-173
B03001	Hispanic Or Latino Origin By Specific Origin		16	7-37
C03001	Hispanic Or Latino Origin By Specific Origin		16	62-71
B03002	Hispanic Or Latino Origin By Race		16	38-58
C03002	Hispanic Or Latino Origin By Race		16	72-83
B03003	Hispanic Or Latino Origin		16	59-61
B04001	First Ancestry Reported		17	7-115
C04001	First Ancestry Reported		17	116-147
B04002	Second Ancestry Reported		18	7-115
C04002	Second Ancestry Reported		18	116-147
B04003	Total Ancestry Reported		19	7-114
C04003	Total Ancestry Reported		19	115-145
B04004	People Reporting Single Ancestry		20	7-114
C04004	People Reporting Single Ancestry		20	115-145
B04005	People Reporting Multiple Ancestry		21	7-114
C04005	People Reporting Multiple Ancestry		21	115-145
B04006	People Reporting Ancestry		22	7-115
C04006	People Reporting Ancestry		22	123-154
B04007	Ancestry		22	116-122
C04007	Ancestry		22	155-159
B05001	Citizenship Status In The United States	US Only	23	7-12
C05001	Citizenship Status In The United States	US Only	23	143-147
B05001PR	Citizenship Status In Puerto Rico	PR Only	169	7-12
B05002	Place Of Birth By Citizenship Status		US 23 PR 169	US 13-27 PR 13-27
C05002	Place Of Birth By Nativity		US 23 PR 169	US 148-155 PR 143-150
B05003	Sex By Age By Citizenship Status		US 23 PR 169	US 28-50 PR 28-50
C05003	Sex By Age By Nativity		US 23 PR 169	US 156-170 PR 151-165
B05003A	Sex By Age By Citizenship Status (White Alone)		US 23 PR 169	US 51-73 PR 51-73
C05003A	Sex By Age By Nativity (White Alone)		US 23 PR 169	US 171-185 PR 166-180
B05003B	Sex By Age By Citizenship Status (Black Or African American Alone)		US 23 PR 169	US 74-96 PR 74-96
C05003B	Sex By Age By Nativity (Black Or African American Alone)		US 23 PR 169	US 186-200 PR 181-195
B05003C	Sex By Age By Citizenship Status (American Indian And Alaska Native Alone)		US 23 PR 169	US 97-119 PR 97-119

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C05003C	Sex By Age By Nativity (American Indian And Alaska Native Alone)		US 23 PR 169	US 201-215 PR 196-210
B05003D	Sex By Age By Citizenship Status (Asian Alone)		US 23 PR 169	US 120-142 PR 120-142
C05003D	Sex By Age By Nativity (Asian Alone)		US 23 PR 169	US 216-230 PR 211-225
B05003E	Sex By Age By Citizenship Status (Native Hawaiian And Other Pacific Islander Alone)		US 24 PR 170	US 7-29 PR 7-29
C05003E	Sex By Age By Nativity (Native Hawaiian And Other Pacific Islander Alone)		US 24 PR 170	US 158-172 PR 158-172
B05003F	Sex By Age By Citizenship Status (Some Other Race Alone)		US 24 PR 170	US 30-52 PR 30-52
C05003F	Sex By Age By Nativity (Some Other Race Alone)		US 24 PR 170	US 173-187 PR 173-187
B05003G	Sex By Age By Citizenship Status (Two Or More Races)		US 24 PR 170	US 53-75 PR 53-75
C05003G	Sex By Age By Nativity (Two Or More Races)		US 24 PR 170	US 188-202 PR 188-202
B05003H	Sex By Age By Citizenship Status (White Alone, Not Hispanic Or Latino)		US 24 PR 170	US 76-98 PR 76-98
C05003H	Sex By Age By Nativity (White Alone, Not Hispanic Or Latino)		US 24 PR 170	US 203-217 PR 203-217
B05003I	Sex By Age By Citizenship Status (Hispanic Or Latino)		US 24 PR 170	US 99-121 PR 99-121
C05003I	Sex By Age By Nativity (Hispanic Or Latino)		US 24 PR 170	US 218-232 PR 218-232
B05004	Median Age By Citizenship Status By Sex		US 24 PR 170	US 122-136 PR 122-136
B05005	Year Of Entry By Citizenship Status In The United States	US Only	24	137-157
C05005	Year Of Entry By Nativity In The United States	US Only	24	233-245
B05005PR	Year Of Entry By Citizenship Status In Puerto Rico	PR Only	170	137-157
C05005PR	Year Of Entry By Nativity In Puerto Rico	PR Only	170	233-245
B05006	Place Of Birth For The Foreign-Born Population		25	7-167
C05006	Place Of Birth For The Foreign-Born Population		25	168-235
B05007	Place Of Birth By Year Of Entry By Citizenship Status For The Foreign-Born Population		26	7-100
C05007	Place Of Birth By Year Of Entry By Citizenship Status For The Foreign-Born Population		26	101-157
B05008	Sex By Place Of Birth By Year Of Entry For The Foreign-Born Population		27	7-75
C05008	Sex By Place Of Birth By Year Of Entry For The Foreign-Born Population		27	141-191
B05009	Age And Nativity Of Own Children Under 18 Years In Families And Subfamilies By Number And Nativity Of Parents		27	76-112
C05009	Age And Nativity Of Own Children Under 18 Years In Families And Subfamilies By Nativity Of Parents		27	192-206
B05010	Ratio Of Income To Poverty Level In The Past 12 Months By Nativity Of Children Under 18 Years In Families And Subfamilies By Living Arrangements And Nativity Of Parents		27	113-137
C05010	Ratio Of Income To Poverty Level In The Past 12 Months By Nativity Of Children Under 18 Years In Families And Subfamilies By Nativity Of Parents		27	207-213
B05012	Nativity In The United States	US Only	27	138-140
B06001	Place Of Birth By Age In The United States	US Only	28	7-66
C06001	Place Of Birth By Age In The United States	US Only	28	132-176

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B06001PR	Place Of Birth By Age In Puerto Rico	PR Only	171	7-66
C06001PR	Place Of Birth By Age In Puerto Rico	PR Only	171	132-168
B06002	Median Age By Place Of Birth In The United States	US Only	28	67-71
B06002PR	Median Age By Place Of Birth In Puerto Rico	PR Only	171	67-71
B06003	Place Of Birth By Sex In The United States	US Only	28	72-86
C06003	Place Of Birth By Sex In The United States	US Only	28	177-189
B06003PR	Place Of Birth By Sex In Puerto Rico	PR Only	171	72-86
C06003PR	Place Of Birth By Sex In Puerto Rico	PR Only	171	169-181
B06004A	Place Of Birth By Race (White Alone) In The United States	US Only	28	87-91
B06004APR	Place Of Birth By Race (White Alone) In Puerto Rico	PR Only	171	87-91
B06004B	Place Of Birth By Race (Black Or African American Alone) In The United States	US Only	28	92-96
B06004BPR	Place Of Birth By Race (Black Or African American Alone) In Puerto Rico	PR Only	171	92-96
B06004C	Place Of Birth By Race (American Indian And Alaska Native Alone) In The United States	US Only	28	97-101
B06004CPR	Place Of Birth By Race (American Indian And Alaska Native Alone) In Puerto Rico	PR Only	171	97-101
B06004D	Place Of Birth By Race (Asian Alone) In The United States	US Only	28	102-106
B06004DPR	Place Of Birth By Race (Asian Alone) In Puerto Rico	PR Only	171	102-106
B06004E	Place Of Birth By Race (Native Hawaiian And Other Pacific Islander Alone) In The United States	US Only	28	107-111
B06004EPR	Place Of Birth By Race (Native Hawaiian And Other Pacific Islander Alone) In Puerto Rico	PR Only	171	107-111
B06004F	Place Of Birth By Race (Some Other Race Alone) In The United States	US Only	28	112-116
B06004FPR	Place Of Birth By Race (Some Other Race Alone) In Puerto Rico	PR Only	171	112-116
B06004G	Place Of Birth By Race (Two Or More Races) In The United States	US Only	28	117-121
B06004GPR	Place Of Birth By Race (Two Or More Races) In Puerto Rico	PR Only	171	117-121
B06004H	Place Of Birth By Race (White Alone, Not Hispanic Or Latino) In The United States	US Only	28	122-126
B06004HPR	Place Of Birth By Race (White Alone, Not Hispanic Or Latino) In Puerto Rico	PR Only	171	122-126
B06004I	Place Of Birth By Race (Hispanic Or Latino) In The United States	US Only	28	127-131
B06004IPR	Place Of Birth By Race (Hispanic Or Latino) In Puerto Rico	PR Only	171	127-131
B06007	Place Of Birth By Language Spoken At Home And Ability To Speak English In The United States	US Only	29	7-46
C06007	Place Of Birth By Language Spoken At Home And Ability To Speak English In The United States	US Only	29	187-211
B06007PR	Place Of Birth By Language Spoken At Home And Ability To Speak English In Puerto Rico	PR Only	172	7-46
C06007PR	Place Of Birth By Language Spoken At Home And Ability To Speak English In Puerto Rico	PR Only	172	187-211
B06008	Place Of Birth By Marital Status In The United States	US Only	29	47-76
C06008	Place Of Birth By Marital Status In The United States	US Only	29	212-236
B06008PR	Place Of Birth By Marital Status In Puerto Rico	PR Only	172	47-76
C06008PR	Place Of Birth By Marital Status In Puerto Rico	PR Only	172	212-236
B06009	Place Of Birth By Educational Attainment In The United States	US Only	29	77-106
B06009PR	Place Of Birth By Educational Attainment In Puerto Rico	PR Only	172	77-106
B06010	Place Of Birth By Individual Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) In The United States	US Only	29	107-161
B06010PR	Place Of Birth By Individual Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) In Puerto Rico	PR Only	172	107-161
C06010PR	Place Of Birth By Individual Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) In Puerto Rico	PR Only	171	182-228

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B06011	Median Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Place Of Birth In The United States	US Only	29	162-166
B06011PR	Median Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Place Of Birth In Puerto Rico	PR Only	172	162-166
B06012	Place Of Birth By Poverty Status In The Past 12 Months In The United States	US Only	29	167-186
B06012PR	Place Of Birth By Poverty Status In The Past 12 Months In Puerto Rico	PR Only	172	167-186
B07001	Geographical Mobility In The Past Year By Age For Current Residence In The United States	US Only	30	7-102
C07001	Geographical Mobility In The Past Year By Age For Current Residence In The United States	US Only	30	181-240
B07001PR	Geographical Mobility In The Past Year By Age For Current Residence In Puerto Rico	PR Only	173	7-102
C07001PR	Geographical Mobility In The Past Year By Age For Current Residence In Puerto Rico	PR Only	173	181-240
B07002	Median Age By Geographical Mobility In The Past Year For Current Residence In The United States	US Only	30	103-108
B07002PR	Median Age By Geographical Mobility In The Past Year For Current Residence In Puerto Rico	PR Only	173	103-108
B07003	Geographical Mobility In The Past Year By Sex For Current Residence In The United States	US Only	30	109-126
B07003PR	Geographical Mobility In The Past Year By Sex For Current Residence In Puerto Rico	PR Only	173	109-126
B07004A	Geographical Mobility In The Past Year By Race (White Alone) For Current Residence In The United States	US Only	30	127-132
B07004APR	Geographical Mobility In The Past Year By Race (White Alone) For Current Residence In Puerto Rico	PR Only	173	127-132
B07004B	Geographical Mobility In The Past Year By Race (Black Or African American Alone) For Current Residence In The United States	US Only	30	133-138
B07004BPR	Geographical Mobility In The Past Year By Race (Black Or African American Alone) For Current Residence In Puerto Rico	PR Only	173	133-138
B07004C	Geographical Mobility In The Past Year By Race (American Indian And Alaska Native Alone) For Current Residence In The United States	US Only	30	139-144
B07004CPR	Geographical Mobility In The Past Year By Race (American Indian And Alaska Native Alone) For Current Residence In Puerto Rico	PR Only	173	139-144
B07004D	Geographical Mobility In The Past Year By Race (Asian Alone) For Current Residence In The United States	US Only	30	145-150
B07004DPR	Geographical Mobility In The Past Year By Race (Asian Alone) For Current Residence In Puerto Rico	PR Only	173	145-150
B07004E	Geographical Mobility In The Past Year By Race (Native Hawaiian And Other Pacific Islander Alone) For Current Residence In The United States	US Only	30	151-156
B07004EPR	Geographical Mobility In The Past Year By Race (Native Hawaiian And Other Pacific Islander Alone) For Current Residence In Puerto Rico	PR Only	173	151-156
B07004F	Geographical Mobility In The Past Year By Race (Some Other Race Alone) For Current Residence In The United States	US Only	30	157-162
B07004FPR	Geographical Mobility In The Past Year By Race (Some Other Race Alone) For Current Residence In Puerto Rico	PR Only	173	157-162
B07004G	Geographical Mobility In The Past Year By Race (Two Or More Races) For Current Residence In The United States	US Only	30	163-168
B07004GPR	Geographical Mobility In The Past Year By Race (Two Or More Races) For Current Residence In Puerto Rico	PR Only	173	163-168
B07004H	Geographical Mobility In The Past Year By Race (White Alone, Not Hispanic Or Latino) For Current Residence In The United States	US Only	30	169-174
B07004HPR	Geographical Mobility In The Past Year By Race (White Alone, Not Hispanic Or Latino) For Current Residence In Puerto Rico	PR Only	173	169-174

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B07004I	Geographical Mobility In The Past Year By Race (Hispanic Or Latino) For Current Residence In The United States	US Only	30	175-180
B07004IPR	Geographical Mobility In The Past Year By Race (Hispanic Or Latino) For Current Residence In Puerto Rico	PR Only	173	175-180
B07007	Geographical Mobility In The Past Year By Citizenship Status For Current Residence In The United States	US Only	31	7-36
B07007PR	Geographical Mobility In The Past Year By Citizenship Status For Current Residence In Puerto Rico	PR Only	174	7-36
B07008	Geographical Mobility In The Past Year By Marital Status For Current Residence In The United States	US Only	31	37-72
C07008	Geographical Mobility In The Past Year By Marital Status For Current Residence In The United States	US Only	31	205-234
B07008PR	Geographical Mobility In The Past Year By Marital Status For Current Residence In Puerto Rico	PR Only	174	37-72
C07008PR	Geographical Mobility In The Past Year By Marital Status For Current Residence In Puerto Rico	PR Only	174	205-234
B07009	Geographical Mobility In The Past Year By Educational Attainment For Current Residence In The United States	US Only	31	73-108
B07009PR	Geographical Mobility In The Past Year By Educational Attainment For Current Residence In Puerto Rico	PR Only	174	73-108
B07010	Geographical Mobility In The Past Year By Individual Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Current Residence In The United States	US Only	31	109-174
B07010PR	Geographical Mobility In The Past Year By Individual Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Current Residence In Puerto Rico	PR Only	174	109-174
B07011	Median Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Geographical Mobility In The Past Year For Current Residence In The United States	US Only	31	175-180
B07011PR	Median Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Geographical Mobility In The Past Year For Current Residence In Puerto Rico	PR Only	174	175-180
B07012	Geographical Mobility In The Past Year By Poverty Status In The Past 12 Months For Current Residence In The United States	US Only	31	181-204
B07012PR	Geographical Mobility In The Past Year By Poverty Status In The Past 12 Months For Current Residence In Puerto Rico	PR Only	174	181-204
B07013	Geographical Mobility In The Past Year By Tenure For Current Residence In The United States	US Only	32	7-24
B07013PR	Geographical Mobility In The Past Year By Tenure For Current Residence In Puerto Rico	PR Only	175	7-24
B07101	Movers Between Regions In The United States	National Level Only	US 32 PR 175	US 25-84 PR 25-84
B07201	Geographical Mobility In The Past Year For Current Residence--Metropolitan Statistical Area Level In The United States	US Only	32	85-98
C07201	Geographical Mobility In The Past Year For Current Residence--Metropolitan Statistical Area Level In The United States	US Only	32	143-154
B07201PR	Geographical Mobility In The Past Year For Current Residence--Metropolitan Statistical Area Level In Puerto Rico	PR Only	175	85-106
C07201PR	Geographical Mobility In The Past Year For Current Residence--Metropolitan Statistical Area Level In Puerto Rico	PR Only	175	143-158
B07202	Geographical Mobility In The Past Year For Current Residence--Micropolitan Statistical Area Level In The United States	US Only	32	99-112
C07202	Geographical Mobility In The Past Year For Current Residence--Micropolitan Statistical Area Level In The United States	US Only	32	155-166
B07202PR	Geographical Mobility In The Past Year For Current Residence--Micropolitan Statistical Area Level In Puerto Rico	PR Only	175	107-117

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B07203	Geographical Mobility In The Past Year For Current Residence--Not Metropolitan Or Micropolitan Statistical Area Level In The United States	US Only	32	113-123
C07203	Geographical Mobility In The Past Year For Current Residence--Not Metropolitan Or Micropolitan Statistical Area Level In The United States	US Only	32	167-175
B07203PR	Geographical Mobility In The Past Year For Current Residence--Not Metropolitan Or Micropolitan Statistical Area Level In Puerto Rico	PR Only	175	118-125
B07204	Geographical Mobility In The Past Year For Current Residence--State, County And Place Level In The United States	US Only	32	124-142
C07204	Geographical Mobility In The Past Year For Current Residence--State, County And Place Level In The United States	US Only	32	176-187
B07204PR	Geographical Mobility In The Past Year For Current Residence--State, County And Place Level In Puerto Rico	PR Only	175	126-142
C07204PR	Geographical Mobility In The Past Year For Current Residence--State, County And Place Level In Puerto Rico	PR Only	175	159-167
B07401	Geographical Mobility In The Past Year By Age For Residence 1 Year Ago In The United States	Migration US Only	1	7-86
C07401	Geographical Mobility In The Past Year By Age For Residence 1 Year Ago In The United States	Migration US Only	1	177-226
B07401PR	Geographical Mobility In The Past Year By Age For Residence 1 Year Ago In Puerto Rico	Migration PR Only	167	7-86
C07401PR	Geographical Mobility In The Past Year By Age For Residence 1 Year Ago In Puerto Rico	Migration PR Only	167	177-226
B07402	Median Age By Geographical Mobility In The Past Year For Residence 1 Year Ago In The United States	Migration US Only	1	87-91
B07402PR	Median Age By Geographical Mobility In The Past Year For Residence 1 Year Ago In Puerto Rico	Migration PR Only	167	87-91
B07403	Geographical Mobility In The Past Year By Sex For Residence 1 Year Ago In The United States	Migration US Only	1	92-106
B07403PR	Geographical Mobility In The Past Year By Sex For Residence 1 Year Ago In Puerto Rico	Migration PR Only	167	92-106
B07404A	Geographical Mobility In The Past Year By Race (White Alone) For Residence 1 Year Ago In The United States	Migration US Only	1	107-111
B07404APR	Geographical Mobility In The Past Year By Race (White Alone) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	167	107-111
B07404B	Geographical Mobility In The Past Year By Race (Black Or African American Alone) For Residence 1 Year Ago In The United States	Migration US Only	1	112-116
B07404BPR	Geographical Mobility In The Past Year By Race (Black Or African American Alone) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	167	112-116
B07404C	Geographical Mobility In The Past Year By Race (American Indian And Alaska Native Alone) For Residence 1 Year Ago In The United States	Migration US Only	1	117-121
B07404CPR	Geographical Mobility In The Past Year By Race (American Indian And Alaska Native Alone) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	167	117-121
B07404D	Geographical Mobility In The Past Year By Race (Asian Alone) For Residence 1 Year Ago In The United States	Migration US Only	1	122-126
B07404DPR	Geographical Mobility In The Past Year By Race (Asian Alone) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	167	122-126
B07404E	Geographical Mobility In The Past Year By Race (Native Hawaiian And Other Pacific Islander Alone) For Residence 1 Year Ago In The United States	Migration US Only	1	127-131
B07404EPR	Geographical Mobility In The Past Year By Race (Native Hawaiian And Other Pacific Islander Alone) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	167	127-131
B07404F	Geographical Mobility In The Past Year By Race (Some Other Race Alone) For Residence 1 Year Ago In The United States	Migration US Only	1	132-136
B07404FPR	Geographical Mobility In The Past Year By Race (Some Other Race Alone) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	167	132-136

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B07404G	Geographical Mobility In The Past Year By Race (Two Or More Races) For Residence 1 Year Ago In The United States	Migration US Only	1	137-141
B07404GPR	Geographical Mobility In The Past Year By Race (Two Or More Races) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	167	137-141
B07404H	Geographical Mobility In The Past Year By Race (White Alone, Not Hispanic Or Latino) For Residence 1 Year Ago In The United States	Migration US Only	1	142-146
B07404HPR	Geographical Mobility In The Past Year By Race (White Alone, Not Hispanic Or Latino) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	167	142-146
B07404I	Geographical Mobility In The Past Year By Race (Hispanic Or Latino) For Residence 1 Year Ago In The United States	Migration US Only	1	147-151
B07404IPR	Geographical Mobility In The Past Year By Race (Hispanic Or Latino) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	167	147-151
B07407	Geographical Mobility In The Past Year By Citizenship Status For Residence 1 Year Ago In The United States	Migration US Only	1	152-176
B07407PR	Geographical Mobility In The Past Year By Citizenship Status For Residence 1 Year Ago In Puerto Rico	Migration PR Only	167	152-176
B07408	Geographical Mobility In The Past Year By Marital Status For Residence 1 Year Ago In The United States	Migration US Only	2	7-36
C07408	Geographical Mobility In The Past Year By Marital Status For Residence 1 Year Ago In The United States	Migration US Only	2	162-186
B07408PR	Geographical Mobility In The Past Year By Marital Status For Residence 1 Year Ago In Puerto Rico	Migration PR Only	168	7-36
C07408PR	Geographical Mobility In The Past Year By Marital Status For Residence 1 Year Ago In Puerto Rico	Migration PR Only	168	162-186
B07409	Geographical Mobility In The Past Year By Educational Attainment For Residence 1 Year Ago In The United States	Migration US Only	2	37-66
B07409PR	Geographical Mobility In The Past Year By Educational Attainment For Residence 1 Year Ago In Puerto Rico	Migration PR Only	168	37-66
B07410	Geographical Mobility In The Past Year By Individual Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Residence 1 Year Ago In The United States	Migration US Only	2	67-121
B07410PR	Geographical Mobility In The Past Year By Individual Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	168	67-121
B07411	Median Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Geographical Mobility In The Past Year For Residence 1 Year Ago In The United States	Migration US Only	2	122-126
B07411PR	Median Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Geographical Mobility In The Past Year For Residence 1 Year Ago In Puerto Rico	Migration PR Only	168	122-126
B07412	Geographical Mobility In The Past Year By Poverty Status In The Past 12 Months For Residence 1 Year Ago In The United States	Migration US Only	2	127-146
B07412PR	Geographical Mobility In The Past Year By Poverty Status In The Past 12 Months For Residence 1 Year Ago In Puerto Rico	Migration PR Only	168	127-146
B07413	Geographical Mobility In The Past Year By Tenure For Residence 1 Year Ago In The United States	Migration US Only	2	147-161
B07413PR	Geographical Mobility In The Past Year By Tenure For Residence 1 Year Ago In Puerto Rico	Migration PR Only	168	147-161
B08006	Sex Of Workers By Means Of Transportation To Work		33	7-57
C08006	Sex Of Workers By Means Of Transportation To Work		33	148-183
B08007	Sex Of Workers By Place Of Work--State And County Level		33	58-72
C08007	Sex Of Workers By Place Of Work--State And County Level		33	184-192
B08008	Sex Of Workers By Place Of Work--Place Level		33	73-87
B08009	Sex Of Workers By Place Of Work--Minor Civil Division Level For 12 Selected States (CT, ME, MA, MI, MN, NH, NJ, NY, PA, RI, VT, WI)		33	88-102

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B08011	Sex Of Workers By Time Leaving Home To Go To Work		33	103-147
C08011	Sex Of Workers By Time Leaving Home To Go To Work		33	193-225
B08012	Sex Of Workers By Travel Time To Work		34	7-45
C08012	Sex Of Workers By Travel Time To Work		34	127-156
B08013	Aggregate Travel Time To Work (In Minutes) Of Workers By Sex		34	46-48
B08014	Sex Of Workers By Vehicles Available		34	49-69
C08014	Sex Of Workers By Vehicles Available		34	157-171
B08015	Aggregate Number Of Vehicles (Car, Truck, Or Van) Used In Commuting By Workers 16 Years And Over By Sex		34	70-72
B08016	Place Of Work For Workers 16 Years And Over--Metropolitan Statistical Area Level		34	73-95
C08016	Place Of Work For Workers 16 Years And Over--Metropolitan Statistical Area Level		34	172-180
B08017	Place Of Work For Workers 16 Years And Over--Micropolitan Statistical Area Level		34	96-118
C08017	Place Of Work For Workers 16 Years And Over--Micropolitan Statistical Area Level		34	181-189
B08018	Place Of Work For Workers 16 Years And Over--Not Metropolitan Or Micropolitan Statistical Area Level		34	119-126
C08018	Place Of Work For Workers 16 Years And Over--Not Metropolitan Or Micropolitan Statistical Area Level		34	190-195
B08101	Means Of Transportation To Work By Age		35	7-62
C08101	Means Of Transportation To Work By Age		35	133-174
B08103	Median Age By Means Of Transportation To Work		35	63-69
B08105A	Means Of Transportation To Work (White Alone)		35	70-76
C08105A	Means Of Transportation To Work (White Alone)		35	175-180
B08105B	Means Of Transportation To Work (Black Or African American Alone)		35	77-83
C08105B	Means Of Transportation To Work (Black Or African American Alone)		35	181-186
B08105C	Means Of Transportation To Work (American Indian And Alaska Native Alone)		35	84-90
C08105C	Means Of Transportation To Work (American Indian And Alaska Native Alone)		35	187-192
B08105D	Means Of Transportation To Work (Asian Alone)		35	91-97
C08105D	Means Of Transportation To Work (Asian Alone)		35	193-198
B08105E	Means Of Transportation To Work (Native Hawaiian And Other Pacific Islander Alone)		35	98-104
C08105E	Means Of Transportation To Work (Native Hawaiian And Other Pacific Islander Alone)		35	199-204
B08105F	Means Of Transportation To Work (Some Other Race Alone)		35	105-111
C08105F	Means Of Transportation To Work (Some Other Race Alone)		35	205-210
B08105G	Means Of Transportation To Work (Two Or More Races)		35	112-118
C08105G	Means Of Transportation To Work (Two Or More Races)		35	211-216
B08105H	Means Of Transportation To Work (White Alone, Not Hispanic Or Latino)		35	119-125
C08105H	Means Of Transportation To Work (White Alone, Not Hispanic Or Latino)		35	217-222
B08105I	Means Of Transportation To Work (Hispanic Or Latino)		35	126-132
C08105I	Means Of Transportation To Work (Hispanic Or Latino)		35	223-228
B08111	Means Of Transportation To Work By Citizenship Status		36	7-41
C08111	Means Of Transportation To Work By Citizenship Status		36	98-127
B08113	Means Of Transportation To Work By Language Spoken At Home And Ability To Speak English		36	42-97

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C08113	Means Of Transportation To Work By Language Spoken At Home And Ability To Speak English		36	128-157
B08119	Means Of Transportation To Work By Workers' Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		37	7-69
C08119	Means Of Transportation To Work By Workers' Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		37	105-158
B08121	Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Means Of Transportation To Work		37	70-76
B08122	Means Of Transportation To Work By Poverty Status In The Past 12 Months		37	77-104
C08122	Means Of Transportation To Work By Poverty Status In The Past 12 Months		37	159-182
B08124	Means Of Transportation To Work By Occupation		38	7-62
C08124	Means Of Transportation To Work By Occupation		38	133-180
B08126	Means Of Transportation To Work By Industry		39	7-111
C08126	Means Of Transportation To Work By Industry		39	112-195
B08128	Means Of Transportation To Work By Class Of Worker		38	63-132
C08128	Means Of Transportation To Work By Class Of Worker		38	181-210
B08130	Means Of Transportation To Work By Place Of Work--State And County Level		40	7-37
C08130	Means Of Transportation To Work By Place Of Work--State And County Level		40	148-173
B08131	Aggregate Travel Time To Work (In Minutes) Of Workers By Place Of Work--State And County Level		40	38-42
B08132	Means Of Transportation To Work By Time Leaving Home To Go To Work		40	43-132
C08132	Means Of Transportation To Work By Time Leaving Home To Go To Work		40	174-228
B08133	Aggregate Travel Time To Work (In Minutes) Of Workers By Time Leaving Home To Go To Work		40	133-147
C08133	Aggregate Travel Time To Work (In Minutes) Of Workers By Time Leaving Home To Go To Work		40	229-239
B08134	Means Of Transportation To Work By Travel Time To Work		41	7-126
C08134	Means Of Transportation To Work By Travel Time To Work		41	170-219
B08135	Aggregate Travel Time To Work (In Minutes) Of Workers By Travel Time To Work		41	127-136
B08136	Aggregate Travel Time To Work (In Minutes) Of Workers By Means Of Transportation To Work		41	137-148
C08136	Aggregate Travel Time To Work (In Minutes) Of Workers By Means Of Transportation To Work		41	220-224
B08137	Means Of Transportation To Work By Tenure		41	149-169
C08137	Means Of Transportation To Work By Tenure		41	225-242
B08141	Means Of Transportation To Work By Vehicles Available		42	7-41
C08141	Means Of Transportation To Work By Vehicles Available		42	145-174
B08201	Household Size By Vehicles Available		42	42-71
C08201	Household Size By Vehicles Available		42	175-199
B08202	Household Size By Number Of Workers In Household		42	72-93
C08202	Household Size By Number Of Workers In Household		42	200-208
B08203	Number Of Workers In Household By Vehicles Available		42	94-123
C08203	Number Of Workers In Household By Vehicles Available		42	209-233
B08301	Means Of Transportation To Work		42	124-144
C08301	Means Of Transportation To Work		42	234-244
B08302	Time Leaving Home To Go To Work		43	7-21
C08302	Time Leaving Home To Go To Work		43	35-45
B08303	Travel Time To Work		43	22-34
C08303	Travel Time To Work		43	46-55

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B08406	Sex Of Workers By Means Of Transportation To Work For Workplace Geography	Place Of Work Only	3	7-57
C08406	Sex Of Workers By Means Of Transportation To Work For Workplace Geography	Place Of Work Only	3	132-164
B08412	Sex Of Workers By Travel Time To Work For Workplace Geography	Place Of Work Only	3	58-96
C08412	Sex Of Workers By Travel Time To Work For Workplace Geography	Place Of Work Only	3	165-194
B08501	Means Of Transportation To Work By Age For Workplace Geography	Place Of Work Only	4	7-62
C08501	Means Of Transportation To Work By Age For Workplace Geography	Place Of Work Only	4	133-174
B08503	Median Age By Means Of Transportation To Work For Workplace Geography	Place Of Work Only	4	63-69
B08505A	Means Of Transportation To Work For Workplace Geography (White Alone)	Place Of Work Only	4	70-76
C08505A	Means Of Transportation To Work For Workplace Geography (White Alone)	Place Of Work Only	4	175-180
B08505B	Means Of Transportation To Work For Workplace Geography (Black Or African American Alone)	Place Of Work Only	4	77-83
C08505B	Means Of Transportation To Work For Workplace Geography (Black Or African American Alone)	Place Of Work Only	4	181-186
B08505C	Means Of Transportation To Work For Workplace Geography (American Indian And Alaska Native Alone)	Place Of Work Only	4	84-90
C08505C	Means Of Transportation To Work For Workplace Geography (American Indian And Alaska Native Alone)	Place Of Work Only	4	187-192
B08505D	Means Of Transportation To Work For Workplace Geography (Asian Alone)	Place Of Work Only	4	91-97
C08505D	Means Of Transportation To Work For Workplace Geography (Asian Alone)	Place Of Work Only	4	193-198
B08505E	Means Of Transportation To Work For Workplace Geography (Native Hawaiian And Other Pacific Islander Alone)	Place Of Work Only	4	98-104
C08505E	Means Of Transportation To Work For Workplace Geography (Native Hawaiian And Other Pacific Islander Alone)	Place Of Work Only	4	199-204
B08505F	Means Of Transportation To Work For Workplace Geography (Some Other Race Alone)	Place Of Work Only	4	105-111
C08505F	Means Of Transportation To Work For Workplace Geography (Some Other Race Alone)	Place Of Work Only	4	205-210
B08505G	Means Of Transportation To Work For Workplace Geography (Two Or More Races)	Place Of Work Only	4	112-118
C08505G	Means Of Transportation To Work For Workplace Geography (Two Or More Races)	Place Of Work Only	4	211-216
B08505H	Means Of Transportation To Work For Workplace Geography (White Alone, Not Hispanic Or Latino)	Place Of Work Only	4	119-125
C08505H	Means Of Transportation To Work For Workplace Geography (White Alone, Not Hispanic Or Latino)	Place Of Work Only	4	217-222
B08505I	Means Of Transportation To Work For Workplace Geography (Hispanic Or Latino)	Place Of Work Only	4	126-132
C08505I	Means Of Transportation To Work For Workplace Geography (Hispanic Or Latino)	Place Of Work Only	4	223-228
B08511	Means Of Transportation To Work By Citizenship Status For Workplace Geography	Place Of Work Only	3	97-131
C08511	Means Of Transportation To Work By Citizenship Status For Workplace Geography	Place Of Work Only	3	195-224
B08513	Means Of Transportation To Work By Language Spoken At Home And Ability To Speak English For Workplace Geography	Place Of Work Only	5	7-62
C08513	Means Of Transportation To Work By Language Spoken At Home And Ability To Speak English For Workplace Geography	Place Of Work Only	5	126-155
B08519	Means Of Transportation To Work By Workers' Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Workplace Geography	Place Of Work Only	5	63-125
C08519	Means Of Transportation To Work By Workers' Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Workplace Geography	Place Of Work Only	5	156-209
B08521	Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Means Of Transportation To Work For Workplace Geography	Place Of Work Only	6	7-13

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B08522	Means Of Transportation To Work By Poverty Status In The Past 12 Months For Workplace Geography	Place Of Work Only	6	14-41
C08522	Means Of Transportation To Work By Poverty Status In The Past 12 Months For Workplace Geography	Place Of Work Only	6	98-121
B08524	Means Of Transportation To Work By Occupation For Workplace Geography	Place Of Work Only	6	42-97
C08524	Means Of Transportation To Work By Occupation For Workplace Geography	Place Of Work Only	6	122-169
B08526	Means Of Transportation To Work By Industry For Workplace Geography	Place Of Work Only	7	7-111
C08526	Means Of Transportation To Work By Industry For Workplace Geography	Place Of Work Only	7	112-195
B08528	Means Of Transportation To Work By Class Of Worker For Workplace Geography	Place Of Work Only	8	7-76
C08528	Means Of Transportation To Work By Class Of Worker For Workplace Geography	Place Of Work Only	8	167-196
B08532	Means Of Transportation To Work By Time Arriving At Work From Home For Workplace Geography	Place Of Work Only	8	77-166
C08532	Means Of Transportation To Work By Time Arriving At Work From Home For Workplace Geography	Place Of Work Only	8	197-251
B08534	Means Of Transportation To Work By Travel Time To Work For Workplace Geography	Place Of Work Only	9	7-126
C08534	Means Of Transportation To Work By Travel Time To Work For Workplace Geography	Place Of Work Only	9	160-209
B08536	Aggregate Travel Time To Work (In Minutes) Of Workers By Means Of Transportation To Work For Workplace Geography	Place Of Work Only	9	127-138
C08536	Aggregate Travel Time To Work (In Minutes) Of Workers By Means Of Transportation To Work For Workplace Geography	Place Of Work Only	9	210-214
B08537	Means Of Transportation To Work By Tenure For Workplace Geography	Place Of Work Only	9	139-159
C08537	Means Of Transportation To Work By Tenure For Workplace Geography	Place Of Work Only	9	215-232
B08541	Means Of Transportation To Work By Vehicles Available For Workplace Geography	Place Of Work Only	10	7-41
C08541	Means Of Transportation To Work By Vehicles Available For Workplace Geography	Place Of Work Only	10	91-120
B08601	Means Of Transportation To Work For Workplace Geography	Place Of Work Only	10	42-62
C08601	Means Of Transportation To Work For Workplace Geography	Place Of Work Only	10	121-131
B08602	Time Arriving At Work From Home For Workplace Geography	Place Of Work Only	10	63-77
C08602	Time Arriving At Work From Home For Workplace Geography	Place Of Work Only	10	132-142
B08603	Travel Time To Work For Workplace Geography	Place Of Work Only	10	78-90
C08603	Travel Time To Work For Workplace Geography	Place Of Work Only	10	143-152
B09001	Population Under 18 Years By Age		44	7-16
B09002	Own Children Under 18 Years By Family Type And Age		44	17-36
B09005	Household Type For Children Under 18 Years In Households (Excluding Householders, Spouses, And Unmarried Partners)		44	37-42
B09006	Relationship To Householder For Children Under 18 Years In Households		44	43-47
B09008	Presence Of Unmarried Partner Of Householder By Household Type For Children Under 18 Years In Households		44	48-59
C09008	Presence Of Unmarried Partner Of Householder For Children Under 18 Years In Households		44	126-128
B09010	Receipt Of Supplemental Security Income (Ssi), Cash Public Assistance Income, Or Food Stamps/Snap In The Past 12 Months By Household Type For Children Under 18 Years In Households		44	60-72
B09016	Household Type (Including Living Alone) By Relationship		44	73-105
C09016	Household Type (Including Living Alone) By Relationship		44	129-157
B09017	Relationship By Household Type (Including Living Alone) For The Population 65 Years And Over		44	106-125

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B10001	Grandchildren Under 18 Years Living With A Grandparent Householder By Age Of Grandchild		45	7-10
B10002	Grandchildren Under 18 Years Living With A Grandparent Householder By Grandparent Responsibility And Presence Of Parent		45	11-15
B10010	Median Family Income For Families With Grandparent Householders And/Or Spouses Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Presence Of Parent Of Grandchild		45	16-18
B10050	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren By Length Of Time Responsible For Own Grandchildren For The Population 30 Years And Over		45	19-28
B10051	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren By Presence Of Parent Of Grandchildren And Age Of Grandparent		45	29-39
B10051A	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (White Alone)		45	40-46
B10051B	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Black Or African American Alone)		45	47-53
B10051C	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (American Indian And Alaska Native Alone)		45	54-60
B10051D	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Asian Alone)		45	61-67
B10051E	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Native Hawaiian And Other Pacific Islander Alone)		45	68-74
B10051F	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Some Other Race Alone)		45	75-81
B10051G	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Two Or More Races)		45	82-88
B10051H	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (White Alone, Not Hispanic Or Latino)		45	89-95
B10051I	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Hispanic Or Latino)		45	96-102
B10053	Citizenship Status By Grandparents Responsible For Own Grandchildren Under 18 Years By Age Of Grandparent		45	103-113
B10054	Language And Ability To Speak English Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	114-130
B10056	Sex Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	131-141
B10057	Marital Status By Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	142-152
B10058	Employment Status Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	153-163
B10059	Poverty Status In The Past 12 Months Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	164-174
B10060	Units In Structure Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	175-190
B10061	Tenure Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	191-201
B10063	Households With Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Presence Of Parent Of Grandchildren		45	202-208

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B11001	Household Type (Including Living Alone)		46	7-15
B11001A	Household Type (Including Living Alone) (White Alone)		46	16-24
C11001A	Household Type (White Alone)		46	184-188
B11001B	Household Type (Including Living Alone) (Black Or African American Alone)		46	25-33
C11001B	Household Type (Black Or African American Alone)		46	189-193
B11001C	Household Type (Including Living Alone) (American Indian And Alaska Native Alone)		46	34-42
C11001C	Household Type (American Indian And Alaska Native Alone)		46	194-198
B11001D	Household Type (Including Living Alone) (Asian Alone)		46	43-51
C11001D	Household Type (Asian Alone)		46	199-203
B11001E	Household Type (Including Living Alone) (Native Hawaiian And Other Pacific Islander Alone)		46	52-60
C11001E	Household Type (Native Hawaiian And Other Pacific Islander Alone)		46	204-208
B11001F	Household Type (Including Living Alone) (Some Other Race Alone)		46	61-69
C11001F	Household Type (Some Other Race Alone)		46	209-213
B11001G	Household Type (Including Living Alone) (Two Or More Races)		46	70-78
C11001G	Household Type (Two Or More Races)		46	214-218
B11001H	Household Type (Including Living Alone) (White Alone, Not Hispanic Or Latino)		46	79-87
C11001H	Household Type (White Alone, Not Hispanic Or Latino)		46	219-223
B11001I	Household Type (Including Living Alone) (Hispanic Or Latino)		46	88-96
C11001I	Household Type (Hispanic Or Latino)		46	224-228
B11002	Household Type By Relatives And Nonrelatives For Population In Households		47	7-18
B11002A	Household Type By Relatives And Nonrelatives For Population In Households (White Alone)		47	19-30
C11002A	Household Type For Population In Households (White Alone)		47	201-203
B11002B	Household Type By Relatives And Nonrelatives For Population In Households (Black Or African American Alone)		47	31-42
C11002B	Household Type For Population In Households (Black Or African American Alone)		47	204-206
B11002C	Household Type By Relatives And Nonrelatives For Population In Households (American Indian And Alaska Native Alone)		47	43-54
C11002C	Household Type For Population In Households (American Indian And Alaska Native Alone)		47	207-209
B11002D	Household Type By Relatives And Nonrelatives For Population In Households (Asian Alone)		47	55-66
C11002D	Household Type For Population In Households (Asian Alone)		47	210-212
B11002E	Household Type By Relatives And Nonrelatives For Population In Households (Native Hawaiian And Other Pacific Islander Alone)		47	67-78
C11002E	Household Type For Population In Households (Native Hawaiian And Other Pacific Islander Alone)		47	213-215
B11002F	Household Type By Relatives And Nonrelatives For Population In Households (Some Other Race Alone)		47	79-90
C11002F	Household Type For Population In Households (Some Other Race Alone)		47	216-218
B11002G	Household Type By Relatives And Nonrelatives For Population In Households (Two Or More Races)		47	91-102
C11002G	Household Type For Population In Households (Two Or More Races)		47	219-221
B11002H	Household Type By Relatives And Nonrelatives For Population In Households (White Alone, Not Hispanic Or Latino)		47	103-114
C11002H	Household Type For Population In Households (White Alone, Not Hispanic Or Latino)		47	222-224

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B11002I	Household Type By Relatives And Nonrelatives For Population In Households (Hispanic Or Latino)		47	115-126
C11002I	Household Type For Population In Households (Hispanic Or Latino)		47	225-227
B11003	Family Type By Presence And Age Of Own Children Under 18 Years		47	127-146
B11004	Family Type By Presence And Age Of Related Children Under 18 Years		47	147-166
B11005	Households By Presence Of People Under 18 Years By Household Type		47	167-185
C11005	Households By Presence Of People Under 18 Years By Household Type		47	228-244
B11006	Households By Presence Of People 60 Years And Over By Household Type		47	186-200
B11007	Households By Presence Of People 65 Years And Over, Household Size And Household Type		46	97-107
B11009	Unmarried-Partner Households By Sex Of Partner		46	108-114
B11010	Nonfamily Households By Sex Of Householder By Living Alone By Age Of Householder		46	115-129
C11010	Nonfamily Households By Sex Of Householder By Living Alone By Age Of Householder		46	229-239
B11011	Household Type By Units In Structure		46	130-148
B11012	Household Type By Tenure		46	149-163
B11013	Subfamily Type By Presence Of Own Children Under 18 Years		46	164-169
C11013	Subfamily Type		46	240-242
B11014	Population In Subfamilies By Subfamily Type By Relationship		46	170-180
C11014	Population In Subfamilies By Subfamily Type		46	243-245
B11015	Households By Presence Of Nonrelatives		46	181-183
B11016	Household Type By Household Size		48	7-22
C11016	Household Type By Household Size		48	23-34
B12001	Sex By Marital Status For The Population 15 Years And Over		49	7-25
B12002	Sex By Marital Status By Age For The Population 15 Years And Over		49	26-212
C12002	Sex By Marital Status By Age For The Population 15 Years And Over		50	124-196
B12002A	Sex By Marital Status For The Population 15 Years And Over (White Alone)		50	7-19
C12002A	Marital Status For The Population 15 Years And Over (White Alone)		50	197-202
B12002B	Sex By Marital Status For The Population 15 Years And Over (Black Or African American Alone)		50	20-32
C12002B	Marital Status For The Population 15 Years And Over (Black Or African American Alone)		50	203-208
B12002C	Sex By Marital Status For The Population 15 Years And Over (American Indian And Alaska Native Alone)		50	33-45
C12002C	Marital Status For The Population 15 Years And Over (American Indian And Alaska Native Alone)		50	209-214
B12002D	Sex By Marital Status For The Population 15 Years And Over (Asian Alone)		50	46-58
C12002D	Marital Status For The Population 15 Years And Over (Asian Alone)		50	215-220
B12002E	Sex By Marital Status For The Population 15 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		50	59-71
C12002E	Marital Status For The Population 15 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		50	221-226
B12002F	Sex By Marital Status For The Population 15 Years And Over (Some Other Race Alone)		50	72-84
C12002F	Marital Status For The Population 15 Years And Over (Some Other Race Alone)		50	227-232
B12002G	Sex By Marital Status For The Population 15 Years And Over (Two Or More Races)		50	85-97
C12002G	Marital Status For The Population 15 Years And Over (Two Or More Races)		50	233-238

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B12002H	Sex By Marital Status For The Population 15 Years And Over (White Alone, Not Hispanic Or Latino)		50	98-110
C12002H	Marital Status For The Population 15 Years And Over (White Alone, Not Hispanic Or Latino)		50	239-244
B12002I	Sex By Marital Status For The Population 15 Years And Over (Hispanic Or Latino)		50	111-123
C12002I	Marital Status For The Population 15 Years And Over (Hispanic Or Latino)		50	245-250
B12005	Marital Status By Nativity		51	7-22
B12006	Marital Status By Sex By Labor Force Participation		51	23-78
B12007	Median Age At First Marriage	Nation and States Only	51	79-80
B12007A	Median Age At First Marriage (White Alone)	National Level Only	51	81-82
B12007B	Median Age At First Marriage (Black Or African American Alone)	National Level Only	51	83-84
B12007C	Median Age At First Marriage (American Indian And Alaska Native Alone)	National Level Only	51	85-86
B12007D	Median Age At First Marriage (Asian Alone)	National Level Only	51	87-88
B12007E	Median Age At First Marriage (Native Hawaiian And Other Pacific Islander Alone)	National Level Only	51	89-90
B12007F	Median Age At First Marriage (Some Other Race Alone)	National Level Only	51	91-92
B12007G	Median Age At First Marriage (Two Or More Races)	National Level Only	51	93-94
B12007H	Median Age At First Marriage (White Alone, Not Hispanic Or Latino)	National Level Only	51	95-96
B12007I	Median Age At First Marriage (Hispanic Or Latino)	National Level Only	51	97-98
B13001	Marital Status By Age For Women 15 To 50 Years		52	7-15
B13002	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Age		52	16-34
B13002A	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (White Alone)		52	35-41
B13002B	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Black Or African American Alone)		52	42-48
B13002C	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (American Indian And Alaska Native Alone)		52	49-55
B13002D	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Asian Alone)		52	56-62
B13002E	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Native Hawaiian And Other Pacific Islander Alone)		52	63-69
B13002F	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Some Other Race Alone)		52	70-76
B13002G	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Two Or More Races)		52	77-83
B13002H	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (White Alone, Not Hispanic Or Latino)		52	84-90
B13002I	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Hispanic Or Latino)		52	91-97
B13004	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Presence Of Unmarried Partner		52	98-108
C13004	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status		52	185-191
B13008	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Citizenship Status		52	109-123
B13010	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Poverty Status In The Past 12 Months		52	124-142
B13012	Women 16 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Labor Force Status		52	143-157
B13014	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Educational Attainment		52	158-184
B14001	School Enrollment By Level Of School For The Population 3 Years And Over		53	7-16

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B14002	Sex By School Enrollment By Level Of School By Type Of School For The Population 3 Years And Over		53	17-65
C14002	School Enrollment By Level Of School By Type Of School For The Population 3 Years And Over		53	185-208
B14003	Sex By School Enrollment By Type Of School By Age For The Population 3 Years And Over		53	66-122
C14003	School Enrollment By Type Of School By Age For The Population 3 Years And Over		53	209-236
B14004	Sex By College Or Graduate School Enrollment By Type Of School By Age For The Population 15 Years And Over		53	123-155
B14005	Sex By School Enrollment By Educational Attainment By Employment Status For The Population 16 To 19 Years		53	156-184
C14005	Sex By School Enrollment By Educational Attainment By Employment Status For The Population 16 To 19 Years		54	28-46
B14006	Poverty Status In The Past 12 Months By School Enrollment By Level Of School For The Population 3 Years And Over		54	7-27
C14006	Poverty Status In The Past 12 Months By School Enrollment By Level Of School For The Population 3 Years And Over		54	47-63
C14007A	School Enrollment By Level Of School For The Population 3 Years And Over (White Alone)		54	64-70
C14007B	School Enrollment By Level Of School For The Population 3 Years And Over (Black Or African American Alone)		54	71-77
C14007C	School Enrollment By Level Of School For The Population 3 Years And Over (American Indian And Alaska Native Alone)		54	78-84
C14007D	School Enrollment By Level Of School For The Population 3 Years And Over (Asian Alone)		54	85-91
C14007E	School Enrollment By Level Of School For The Population 3 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		54	92-98
C14007F	School Enrollment By Level Of School For The Population 3 Years And Over (Some Other Race Alone)		54	99-105
C14007G	School Enrollment By Level Of School For The Population 3 Years And Over (Two Or More Races)		55	7-13
C14007H	School Enrollment By Level Of School For The Population 3 Years And Over (White Alone, Not Hispanic Or Latino)		55	14-20
C14007I	School Enrollment By Level Of School For The Population 3 Years And Over (Hispanic Or Latino)		55	21-27
B15001	Sex By Age By Educational Attainment For The Population 18 Years And Over		56	7-89
C15001	Sex By Age By Educational Attainment For The Population 18 Years And Over		56	125-177
B15002	Sex By Educational Attainment For The Population 25 Years And Over		56	90-124
C15002	Sex By Educational Attainment For The Population 25 Years And Over		56	178-194
C15002A	Sex By Educational Attainment For The Population 25 Years And Over (White Alone)		56	195-205
C15002B	Sex By Educational Attainment For The Population 25 Years And Over (Black Or African American Alone)		57	7-17
C15002C	Sex By Educational Attainment For The Population 25 Years And Over (American Indian And Alaska Native Alone)		57	18-28
C15002D	Sex By Educational Attainment For The Population 25 Years And Over (Asian Alone)		57	29-39
C15002E	Sex By Educational Attainment For The Population 25 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		57	40-50
C15002F	Sex By Educational Attainment For The Population 25 Years And Over (Some Other Race Alone)		57	51-61

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C15002G	Sex By Educational Attainment For The Population 25 Years And Over (Two Or More Races)		57	62-72
C15002H	Sex By Educational Attainment For The Population 25 Years And Over (White Alone, Not Hispanic Or Latino)		57	73-83
C15002I	Sex By Educational Attainment For The Population 25 Years And Over (Hispanic Or Latino)		57	84-94
B16001	Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over		59	7-125
C16001	Language Spoken At Home For The Population 5 Years And Over		59	230-242
B16002	Household Language By Linguistic Isolation		60	7-20
B16003	Age By Language Spoken At Home For The Population 5 Years And Over In Linguistically Isolated Households		60	21-32
C16003	Age By Language Spoken At Home For The Population 5 Years And Over In Linguistically Isolated Households		60	167-174
B16004	Age By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over		60	33-99
C16004	Age By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over		60	175-217
B16005	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over		60	100-144
C16005	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over		60	218-246
B16005A	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (White Alone)		60	145-155
B16005B	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Black Or African American Alone)		60	156-166
B16005C	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (American Indian And Alaska Native Alone)		59	126-136
B16005D	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Asian Alone)		59	137-147
B16005E	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		59	148-158
B16005F	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Some Other Race Alone)		59	159-169
B16005G	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Two Or More Races)		59	170-180
B16005H	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (White Alone, Not Hispanic Or Latino)		59	181-191
B16005I	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Hispanic Or Latino)		59	192-202
B16006	Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Hispanic Or Latino)		59	203-210
C16006	Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Hispanic Or Latino)		59	243-248
B16007	Age By Language Spoken At Home For The Population 5 Years And Over		59	211-229
C16007	Age By Language Spoken At Home For The Population 5 Years And Over		61	128-140
B16008	Citizenship Status By Age By Language Spoken At Home For The Population 5 Years And Over		61	7-47
C16008	Citizenship Status By Language Spoken At Home For The Population 5 Years And Over		61	141-160
B16009	Poverty Status In The Past 12 Months By Age By Language Spoken At Home For The Population 5 Years And Over		61	48-74

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C16009	Poverty Status In The Past 12 Months By Language Spoken At Home For The Population 5 Years And Over		61	161-173
B16010	Educational Attainment And Employment Status By Language Spoken At Home For The Population 25 Years And Over		61	75-127
C16010	Educational Attainment And Employment Status By Language Spoken At Home For The Population 25 Years And Over		61	174-210
B17001	Poverty Status In The Past 12 Months By Sex By Age		62	7-65
C17001	Poverty Status In The Past 12 Months By Sex By Age		62	184-202
B17001A	Poverty Status In The Past 12 Months By Sex By Age (White Alone)		62	66-124
C17001A	Poverty Status In The Past 12 Months By Sex By Age (White Alone)		62	203-221
B17001B	Poverty Status In The Past 12 Months By Sex By Age (Black Or African American Alone)		62	125-183
C17001B	Poverty Status In The Past 12 Months By Sex By Age (Black Or African American Alone)		62	222-240
B17001C	Poverty Status In The Past 12 Months By Sex By Age (American Indian And Alaska Native Alone)		63	7-65
C17001C	Poverty Status In The Past 12 Months By Sex By Age (American Indian And Alaska Native Alone)		63	184-202
B17001D	Poverty Status In The Past 12 Months By Sex By Age (Asian Alone)		63	66-124
C17001D	Poverty Status In The Past 12 Months By Sex By Age (Asian Alone)		63	203-221
B17001E	Poverty Status In The Past 12 Months By Sex By Age (Native Hawaiian And Other Pacific Islander Alone)		63	125-183
C17001E	Poverty Status In The Past 12 Months By Sex By Age (Native Hawaiian And Other Pacific Islander Alone)		63	222-240
B17001F	Poverty Status In The Past 12 Months By Sex By Age (Some Other Race Alone)		64	7-65
C17001F	Poverty Status In The Past 12 Months By Sex By Age (Some Other Race Alone)		64	184-202
B17001G	Poverty Status In The Past 12 Months By Sex By Age (Two Or More Races)		64	66-124
C17001G	Poverty Status In The Past 12 Months By Sex By Age (Two Or More Races)		64	203-221
B17001H	Poverty Status In The Past 12 Months By Sex By Age (White Alone, Not Hispanic Or Latino)		64	125-183
C17001H	Poverty Status In The Past 12 Months By Sex By Age (White Alone, Not Hispanic Or Latino)		64	222-240
B17001I	Poverty Status In The Past 12 Months By Sex By Age (Hispanic Or Latino)		65	7-65
C17001I	Poverty Status In The Past 12 Months By Sex By Age (Hispanic Or Latino)		65	173-191
B17002	Ratio Of Income To Poverty Level In The Past 12 Months		65	66-78
C17002	Ratio Of Income To Poverty Level In The Past 12 Months		65	192-199
B17003	Poverty Status In The Past 12 Months Of Individuals By Sex By Educational Attainment		65	79-101
C17003	Poverty Status In The Past 12 Months Of Individuals By Educational Attainment		65	200-210
B17004	Poverty Status In The Past 12 Months Of Individuals By Sex By Work Experience		65	102-120
C17004	Poverty Status In The Past 12 Months Of Individuals By Work Experience		65	211-219
B17005	Poverty Status In The Past 12 Months Of Individuals By Sex By Employment Status		65	121-143
B17006	Poverty Status In The Past 12 Months Of Related Children Under 18 Years By Family Type By Age Of Related Children Under 18 Years		65	144-172
C17006	Poverty Status In The Past 12 Months Of Related Children Under 18 Years By Family Type		65	220-226
B17007	Poverty Status In The Past 12 Months Of Unrelated Individuals 15 Years And Over By Sex By Age		66	7-49
C17007	Poverty Status In The Past 12 Months Of Unrelated Individuals 15 Years And Over By Sex		66	197-203

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B17008	Aggregate Income Deficit (Dollars) In The Past 12 Months Of Unrelated Individuals By Sex		66	50-52
B17009	Poverty Status By Work Experience Of Unrelated Individuals By Householder Status		66	53-73
C17009	Poverty Status By Work Experience Of Unrelated Individuals		66	204-212
B17010	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children		66	74-114
C17010	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years		66	213-229
B17010A	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (White Alone Householder)		66	115-155
C17010A	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (White Alone Householder)		66	230-246
B17010B	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (Black Or African American Alone Householder)		66	156-196
C17010B	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (Black Or African American Alone Householder)		67	171-187
B17010C	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (American Indian And Alaska Native Alone)		67	7-47
C17010C	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (American Indian And Alaska Native Alone)		67	188-204
B17010D	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (Asian Alone Householder)		67	48-88
C17010D	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (Asian Alone Householder)		67	205-221
B17010E	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (Native Hawaiian And Other Pacific Islander Alone Householder)		67	89-129
C17010E	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (Native Hawaiian And Other Pacific Islander Alone Householder)		67	222-238
B17010F	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (Some Other Race Alone Householder)		67	130-170
C17010F	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (Some Other Race Alone Householder)		68	170-186
B17010G	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (Two Or More Races Householder)		68	7-47
C17010G	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (Two Or More Races Householder)		68	187-203
B17010H	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (White Alone, Not Hispanic Or Latino Householder)		68	48-88
C17010H	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (White Alone, Not Hispanic Or Latino Householder)		68	204-220
B17010I	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (Hispanic Or Latino)		68	89-129
C17010I	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (Hispanic Or Latino)		68	221-237

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B17011	Aggregate Income Deficit (Dollars) In The Past 12 Months For Families By Family Type		68	130-134
B17012	Poverty Status In The Past 12 Months Of Families By Household Type By Number Of Related Children Under 18 Years		68	135-169
C17012	Poverty Status In The Past 12 Months Of Families By Number Of Related Children Under 18 Years		68	238-248
B17013	Poverty Status In The Past 12 Months Of Families By Household Type By Number Of Persons In Family		69	7-41
C17013	Poverty Status In The Past 12 Months Of Families By Number Of Persons In Family		69	171-181
B17014	Poverty Status In The Past 12 Months Of Families By Household Type By Number Of Workers In Family		69	42-76
C17014	Poverty Status In The Past 12 Months Of Families By Number Of Workers In Family		69	182-192
B17015	Poverty Status In The Past 12 Months Of Families By Family Type By Social Security Income By Supplemental Security Income (Ssi) And Cash Public Assistance Income		69	77-123
C17015	Poverty Status In The Past 12 Months Of Families By Social Security Income By Supplemental Security Income (Ssi) And Public Assistance Income		69	193-207
B17016	Poverty Status In The Past 12 Months Of Families By Family Type By Work Experience Of Householder And Spouse		69	124-170
C17016	Poverty Status In The Past 12 Months Of Families By Work Experience Of Householder		69	208-216
B17017	Poverty Status In The Past 12 Months By Household Type By Age Of Householder		70	7-65
C17017	Poverty Status In The Past 12 Months By Household Type		70	175-193
B17018	Poverty Status In The Past 12 Months Of Families By Household Type By Educational Attainment Of Householder		70	66-100
C17018	Poverty Status In The Past 12 Months Of Families By Educational Attainment Of Householder		70	194-204
B17019	Poverty Status In The Past 12 Months Of Families By Household Type By Tenure		70	101-123
C17019	Poverty Status In The Past 12 Months Of Families By Tenure		70	205-211
B17020A	Poverty Status In The Past 12 Months By Age (White Alone)		70	124-140
C17020A	Poverty Status In The Past 12 Months By Age (White Alone)		70	212-220
B17020B	Poverty Status In The Past 12 Months By Age (Black Or African American Alone)		70	141-157
C17020B	Poverty Status In The Past 12 Months By Age (Black Or African American Alone)		70	221-229
B17020C	Poverty Status In The Past 12 Months By Age (American Indian And Alaska Native Alone)		70	158-174
C17020C	Poverty Status In The Past 12 Months By Age (American Indian And Alaska Native Alone)		70	230-238
B17020D	Poverty Status In The Past 12 Months By Age (Asian Alone)		71	7-23
C17020D	Poverty Status In The Past 12 Months By Age (Asian Alone)		71	144-152
B17020E	Poverty Status In The Past 12 Months By Age (Native Hawaiian And Other Pacific Islander Alone)		71	24-40
C17020E	Poverty Status In The Past 12 Months By Age (Native Hawaiian And Other Pacific Islander Alone)		71	153-161
B17020F	Poverty Status In The Past 12 Months By Age (Some Other Race Alone)		71	41-57
C17020F	Poverty Status In The Past 12 Months By Age (Some Other Race Alone)		71	162-170
B17020G	Poverty Status In The Past 12 Months By Age (Two Or More Races)		71	58-74
C17020G	Poverty Status In The Past 12 Months By Age (Two Or More Races)		71	171-179
B17020H	Poverty Status In The Past 12 Months By Age (White Alone, Not Hispanic Or Latino)		71	75-91

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C17020H	Poverty Status In The Past 12 Months By Age (White Alone, Not Hispanic Or Latino)		71	180-188
B17020I	Poverty Status In The Past 12 Months By Age (Hispanic Or Latino)		71	92-108
C17020I	Poverty Status In The Past 12 Months By Age (Hispanic Or Latino)		71	189-197
B17021	Poverty Status Of Individuals In The Past 12 Months By Living Arrangement		71	109-143
C17021	Poverty Status Of Individuals In The Past 12 Months By Living Arrangement		71	198-212
B17022	Ratio Of Income To Poverty Level In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children		72	7-87
C17022	Ratio Of Income To Poverty Level In The Past 12 Months Of Families By Family Type		72	123-143
B17023	Poverty Status In The Past 12 Months Of Families By Household Type By Number Of Own Children Under 18 Years		72	88-122
C17023	Poverty Status In The Past 12 Months Of Families By Household Type By Presence Of Own Children Under 18 Years		72	144-166
B17024	Age By Ratio Of Income To Poverty Level In The Past 12 Months		73	7-137
C17024	Age By Ratio Of Income To Poverty Level In The Past 12 Months		73	166-193
B17025	Poverty Status In The Past 12 Months By Nativity		73	138-152
C17025	Poverty Status In The Past 12 Months By Nativity		73	194-204
B17026	Ratio Of Income To Poverty Level Of Families In The Past 12 Months		73	153-165
C17026	Ratio Of Income To Poverty Level Of Families In The Past 12 Months		73	205-212
B19001	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		78	7-23
C19001	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		78	127-137
B19001A	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone Householder)		78	24-40
C19001A	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone Householder)		78	138-148
B19001B	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		78	41-57
C19001B	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		78	149-159
B19001C	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		79	7-23
C19001C	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		79	154-164
B19001D	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Asian Alone Householder)		79	24-40
C19001D	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Asian Alone Householder)		79	165-175
B19001E	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		79	41-57
C19001E	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		79	176-186
B19001F	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		79	58-74
C19001F	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		79	187-197
B19001G	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Two Or More Races Householder)		79	75-91
C19001G	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Two Or More Races Householder)		79	198-208

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B19001H	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		79	92-108
C19001H	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		79	209-219
B19001I	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		79	109-125
C19001I	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		79	220-230
B19013	Median Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		79	126-126
B19013A	Median Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone Householder)		79	127-127
B19013B	Median Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		79	128-128
B19013C	Median Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		79	129-129
B19013D	Median Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Asian Alone Householder)		79	130-130
B19013E	Median Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		79	131-131
B19013F	Median Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		79	132-132
B19013G	Median Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Two Or More Races Householder)		79	133-133
B19013H	Median Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		79	134-134
B19013I	Median Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		79	135-135
B19019	Median Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Household Size		79	136-143
B19025	Aggregate Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		79	144-144
B19025A	Aggregate Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone Householder)		79	145-145
B19025B	Aggregate Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		79	146-146
B19025C	Aggregate Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		79	147-147
B19025D	Aggregate Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Asian Alone Householder)		79	148-148
B19025E	Aggregate Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		79	149-149
B19025F	Aggregate Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		79	150-150
B19025G	Aggregate Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Two Or More Races Householder)		79	151-151
B19025H	Aggregate Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		79	152-152
B19025I	Aggregate Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		79	153-153
B19037	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		78	58-126
C19037	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		78	160-204

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B19037A	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone Householder)		80	7-75
C19037A	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone Householder)		80	145-189
B19037B	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		80	76-144
C19037B	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		80	190-234
B19037C	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		81	7-75
C19037C	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		81	145-189
B19037D	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Asian Alone Householder)		81	76-144
C19037D	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Asian Alone Householder)		81	190-234
B19037E	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		82	7-75
C19037E	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		82	145-189
B19037F	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		82	76-144
C19037F	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		82	190-234
B19037G	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Two Or More Races Householder)		83	7-75
C19037G	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Two Or More Races Householder)		83	145-189
B19037H	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		83	76-144
C19037H	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		83	190-234
B19037I	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		84	7-75
C19037I	Age Of Householder By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		84	177-221
B19049	Median Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Age Of Householder		84	76-80
B19050	Aggregate Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Age Of Householder		84	81-85
B19051	Earnings In The Past 12 Months For Households		84	86-88
B19052	Wage Or Salary Income In The Past 12 Months For Households		84	89-91
B19053	Self-Employment Income In The Past 12 Months For Households		84	92-94
B19054	Interest, Dividends, Or Net Rental Income In The Past 12 Months For Households		84	95-97
B19055	Social Security Income In The Past 12 Months For Households		84	98-100
B19056	Supplemental Security Income (Ssi) In The Past 12 Months For Households		84	101-103
B19057	Public Assistance Income In The Past 12 Months For Households		84	104-106
B19058	Public Assistance Income Or Food Stamps/Snap In The Past 12 Months For Households		84	107-109

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B19059	Retirement Income In The Past 12 Months For Households		84	110-112
B19060	Other Types Of Income In The Past 12 Months For Households		84	113-115
B19061	Aggregate Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Households		84	116-116
B19062	Aggregate Wage Or Salary Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Households		84	117-117
B19063	Aggregate Self-Employment Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Households		84	118-118
B19064	Aggregate Interest, Dividends, Or Net Rental Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Households		84	119-119
B19065	Aggregate Social Security Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Households		84	120-120
B19066	Aggregate Supplemental Security Income (Ssi) In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Households		84	121-121
B19067	Aggregate Public Assistance Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Households		84	122-122
B19069	Aggregate Retirement Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Households		84	123-123
B19070	Aggregate Other Types Of Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For Households		84	124-124
B19080	Household Income Quintile Upper Limits		84	125-129
B19081	Mean Household Income Of Quintiles		84	130-135
B19082	Shares Of Aggregate Household Income By Quintile		84	136-141
B19083	Gini Index Of Income Inequality		84	142-142
B19101	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		84	143-159
C19101	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		84	222-232
B19101A	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone Householder)		84	160-176
C19101A	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone Householder)		84	233-243
B19101B	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		85	7-23
C19101B	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		85	160-170
B19101C	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		85	24-40
C19101C	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		85	171-181
B19101D	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Asian Alone Householder)		85	41-57
C19101D	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Asian Alone Householder)		85	182-192
B19101E	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		85	58-74
C19101E	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		85	193-203
B19101F	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		85	75-91
C19101F	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		85	204-214
B19101G	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Two Or More Races Householder)		85	92-108

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C19101G	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Two Or More Races Householder)		85	215-225
B19101H	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		85	109-125
C19101H	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		85	226-236
B19101I	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		85	126-142
C19101I	Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		85	237-247
B19113	Median Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		85	143-143
B19113A	Median Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone Householder)		85	144-144
B19113B	Median Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		85	145-145
B19113C	Median Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		85	146-146
B19113D	Median Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Asian Alone Householder)		85	147-147
B19113E	Median Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		85	148-148
B19113F	Median Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		85	149-149
B19113G	Median Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Two Or More Races)		85	150-150
B19113H	Median Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		85	151-151
B19113I	Median Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		85	152-152
B19119	Median Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Family Size		85	153-159
B19121	Median Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Number Of Earners In Family		86	7-11
B19125	Median Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Presence Of Own Children Under 18 Years		86	12-14
B19126	Median Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Family Type By Presence Of Own Children Under 18 Years		86	15-25
B19127	Aggregate Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		86	26-26
B19128	Aggregate Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Family Type By Presence Of Own Children Under 18 Years		86	27-37
B19129	Aggregate Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Number Of Workers In Family		86	38-44
B19130	Aggregate Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Family Type By Age Of Householder		86	45-73
B19131	Family Type By Presence Of Own Children Under 18 Years By Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		86	74-180
C19131	Family Type By Presence Of Own Children Under 18 Years By Family Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		86	181-251
B19201	Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		87	7-23
C19201	Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		87	187-197

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B19202	Median Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		87	24-24
B19202A	Median Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone Householder)		87	25-25
B19202B	Median Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		87	26-26
B19202C	Median Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		87	27-27
B19202D	Median Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Asian Alone Householder)		87	28-28
B19202E	Median Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		87	29-29
B19202F	Median Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		87	30-30
B19202G	Median Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Two Or More Races Householder)		87	31-31
B19202H	Median Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		87	32-32
B19202I	Median Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		87	33-33
B19214	Aggregate Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		87	34-34
B19215	Median Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex Of Householder By Living Alone By Age Of Householder		87	35-49
B19216	Aggregate Nonfamily Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex Of Householder By Living Alone By Age Of Householder		87	50-64
B19301	Per Capita Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		87	65-65
B19301A	Per Capita Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone)		87	66-66
B19301B	Per Capita Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Black Or African American Alone)		87	67-67
B19301C	Per Capita Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone)		87	68-68
B19301D	Per Capita Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Asian Alone)		87	69-69
B19301E	Per Capita Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone)		87	70-70
B19301F	Per Capita Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Some Other Race Alone)		87	71-71
B19301G	Per Capita Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Two Or More Races)		87	72-72
B19301H	Per Capita Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino)		87	73-73
B19301I	Per Capita Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) (Hispanic Or Latino)		87	74-74
B19313	Aggregate Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		87	75-75
B19313A	Aggregate Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 15 Years And Over (White Alone)		87	76-76
B19313B	Aggregate Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 15 Years And Over (Black Or African American Alone)		87	77-77
B19313C	Aggregate Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 15 Years And Over (American Indian And Alaska Native Alone)		87	78-78
B19313D	Aggregate Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 15 Years And Over (Asian Alone)		87	79-79

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B19313E	Aggregate Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 15 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		87	80-80
B19313F	Aggregate Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 15 Years And Over (Some Other Race Alone)		87	81-81
B19313G	Aggregate Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 15 Years And Over (Two Or More Races)		87	82-82
B19313H	Aggregate Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 15 Years And Over (White Alone, Not Hispanic Or Latino)		87	83-83
B19313I	Aggregate Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 15 Years And Over (Hispanic Or Latino)		87	84-84
B19325	Sex By Work Experience In The Past 12 Months By Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 15 Years And Over		87	85-179
B19326	Median Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 15 Years And Over With Income		87	180-186
B20001	Sex By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over With Earnings In The Past 12 Months		88	7-49
B20002	Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex For The Population 16 Years And Over With Earnings In The Past 12 Months		88	50-52
B20003	Aggregate Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex By Work Experience For The Population 16 Years And Over With Earnings		88	53-59
B20004	Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex By Educational Attainment For The Population 25 Years And Over		88	60-77
B20005	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over		88	78-172
C20005	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over		88	173-211
B20005A	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (White Alone)		89	7-101
C20005A	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (White Alone)		89	197-235
B20005B	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Black Or African American Alone)		89	102-196
C20005B	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Black Or African American Alone)		90	102-140
B20005C	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (American Indian And Alaska Native Alone)		90	7-101
C20005C	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (American Indian And Alaska Native Alone)		90	141-179
B20005D	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Asian Alone)		91	7-101
C20005D	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Asian Alone)		91	197-235
B20005E	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alo		91	102-196

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C20005E	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alo		92	102-140
B20005F	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Some Other Race Alone)		92	7-101
C20005F	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Some Other Race Alone)		92	141-179
B20005G	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Two Or More Races)		93	7-101
C20005G	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Two Or More Races)		93	197-235
B20005H	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (White Alone, Not Hispanic Or Latino)		93	102-196
C20005H	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (White Alone, Not Hispanic Or Latino)		94	172-210
B20005I	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Hispanic Or Latino)		94	7-101
C20005I	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Hispanic Or Latino)		94	211-249
B20017	Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months		94	102-108
B20017A	Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Whi		94	109-115
B20017B	Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Bla		94	116-122
B20017C	Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Ame		94	123-129
B20017D	Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Asi		94	130-136
B20017E	Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Nat		94	137-143
B20017F	Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Som		94	144-150
B20017G	Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Two		94	151-157
B20017H	Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Whi		94	158-164
B20017I	Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings (Hispanic Or Latino)		94	165-171

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B21001	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over		95	7-39
B21001A	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (White Alone)		95	40-72
C21001A	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (White Alone)		95	172-186
B21001B	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Black Or African American Alone)		95	73-105
C21001B	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Black Or African American Alone)		95	187-201
B21001C	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (American Indian And Alaska Native Alone)		95	106-138
C21001C	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (American Indian And Alaska Native Alone)		95	202-216
B21001D	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Asian Alone)		95	139-171
C21001D	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Asian Alone)		95	217-231
B21001E	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		96	7-39
C21001E	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		96	172-186
B21001F	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Some Other Race Alone)		96	40-72
C21001F	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Some Other Race Alone)		96	187-201
B21001G	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Two Or More Races)		96	73-105
C21001G	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Two Or More Races)		96	202-216
B21001H	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (White Alone, Not Hispanic Or Latino)		96	106-138
C21001H	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (White Alone, Not Hispanic Or Latino)		96	217-231
B21001I	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Hispanic Or Latino)		96	139-171
C21001I	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Hispanic Or Latino)		96	232-246
B21002	Period Of Military Service For Civilian Veterans 18 Years And Over		97	7-22
B21003	Veteran Status By Educational Attainment For The Civilian Population 25 Years And Over		97	23-33
B21004	Median Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Veteran Status By Sex For The Civilian Population 18 Years And Over With Income		97	34-40
B21005	Age By Veteran Status By Employment Status For The Civilian Population 18 To 64 Years		97	41-74
C21005	Veteran Status By Employment Status For The Civilian Population 18 To 64 Years		97	75-85
B22001	Receipt Of Food Stamps/Snap In The Past 12 Months By Presence Of People 60 Years And Over For Households		98	7-13
C22001	Receipt Of Food Stamps/Snap In The Past 12 Months For Households		98	121-123
B22002	Receipt Of Food Stamps/Snap In The Past 12 Months By Presence Of Children Under 18 Years By Household Type For Households		98	14-40
C22002	Receipt Of Food Stamps/Snap In The Past 12 Months By Presence Of Children Under 18 Years For Households		98	124-130

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B22003	Receipt Of Food Stamps/Snap In The Past 12 Months By Poverty Status In The Past 12 Months For Households		98	41-47
B22005A	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (White Alone)		98	48-50
B22005B	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (Black Or African American Alone)		98	51-53
B22005C	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (American Indian And Alaska Native Alone)		98	54-56
B22005D	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (Asian Alone)		98	57-59
B22005E	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (Native Hawaiian And Other Pacific Islander Alone)		98	60-62
B22005F	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (Some Other Race Alone)		98	63-65
B22005G	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (Two Or More Races)		98	66-68
B22005H	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (White Alone, Not Hispanic Or Latino)		98	69-71
B22005I	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (Hispanic Or Latino)		98	72-74
B22007	Receipt Of Food Stamps/Snap In The Past 12 Months By Family Type By Number Of Workers In Family In The Past 12 Months		98	75-117
C22007	Receipt Of Food Stamps/Snap In The Past 12 Months By Family Type By Number Of Workers In Family In The Past 12 Months		98	131-159
B22008	Median Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Receipt Of Food Stamps/Snap In The Past 12 Months		98	118-120
B23001	Sex By Age By Employment Status For The Population 16 Years And Over		99	7-179
C23001	Sex By Age By Employment Status For The Population 16 Years And Over		100	86-178
B23002A	Sex By Age By Employment Status For The Population 16 Years And Over (White Alone)		100	7-85
C23002A	Sex By Age By Employment Status For The Population 16 Years And Over (White Alone)		100	179-205
B23002B	Sex By Age By Employment Status For The Population 16 Years And Over (Black Or African American Alone)		101	7-85
C23002B	Sex By Age By Employment Status For The Population 16 Years And Over (Black Or African American Alone)		101	165-191
B23002C	Sex By Age By Employment Status For The Population 16 Years And Over (American Indian And Alaska Native Alone)		101	86-164
C23002C	Sex By Age By Employment Status For The Population 16 Years And Over (American Indian And Alaska Native Alone)		101	192-218
B23002D	Sex By Age By Employment Status For The Population 16 Years And Over (Asian Alone)		102	7-85
C23002D	Sex By Age By Employment Status For The Population 16 Years And Over (Asian Alone)		102	165-191
B23002E	Sex By Age By Employment Status For The Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		102	86-164
C23002E	Sex By Age By Employment Status For The Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		102	192-218
B23002F	Sex By Age By Employment Status For The Population 16 Years And Over (Some Other Race Alone)		103	7-85
C23002F	Sex By Age By Employment Status For The Population 16 Years And Over (Some Other Race Alone)		103	165-191
B23002G	Sex By Age By Employment Status For The Population 16 Years And Over (Two Or More Races)		103	86-164

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C23002G	Sex By Age By Employment Status For The Population 16 Years And Over (Two Or More Races)		103	192-218
B23002H	Sex By Age By Employment Status For The Population 16 Years And Over (White Alone, Not Hispanic Or Latino)		104	7-85
C23002H	Sex By Age By Employment Status For The Population 16 Years And Over (White Alone, Not Hispanic Or Latino)		104	195-221
B23002I	Sex By Age By Employment Status For The Population 16 Years And Over (Hispanic Or Latino)		104	86-164
C23002I	Sex By Age By Employment Status For The Population 16 Years And Over (Hispanic Or Latino)		104	222-248
B23003	Presence Of Own Children Under 18 Years By Age Of Own Children Under 18 Years By Employment Status For Females 20 To 64 Years		104	165-194
B23004	Work Status In The Past 12 Months By Age By Employment Status For The Civilian Population 65 Years And Over		105	7-25
C23004	Work Status In The Past 12 Months By Employment Status For The Civilian Population 65 Years And Over		105	184-190
B23006	Educational Attainment By Employment Status For The Population 25 To 64 Years		105	26-54
B23007	Presence Of Own Children Under 18 Years By Family Type By Employment Status		105	55-113
C23007	Presence Of Own Children Under 18 Years By Family Type By Employment Status		105	191-221
B23008	Age Of Own Children Under 18 Years In Families And Subfamilies By Living Arrangements By Employment Status Of Parents		105	114-140
C23008	Age Of Own Children Under 18 Years In Families And Subfamilies By Living Arrangements By Employment Status Of Parents		105	222-240
B23009	Presence Of Own Children Under 18 Years By Family Type By Number Of Workers In Family In The Past 12 Months		105	141-183
B23010	Presence Of Own Children Under 18 Years In Married-Couple Families By Work Experience Of Householder And Spouse		106	7-33
B23013	Median Age By Sex For Workers 16 To 64 Years		106	34-36
B23018	Aggregate Usual Hours Worked In The Past 12 Months By Sex For Workers 16 To 64 Years		106	37-39
B23020	Mean Usual Hours Worked In The Past 12 Months For Workers 16 To 64 Years		106	40-42
B23022	Sex By Work Status In The Past 12 Months By Usual Hours Worked Per Week In The Past 12 Months By Weeks Worked In The Past 12 Months For The Population 16 To 64 Years		106	43-91
C23022	Sex By Full-Time Work Status In The Past 12 Months For The Population 16 To 64 Years		106	92-102
B24010	Sex By Occupation For The Civilian Employed Population 16 Years And Over		107 108	7-133 7-132
C24010	Sex By Occupation For The Civilian Employed Population 16 Years And Over		109	133-207
B24010A	Sex By Occupation For The Civilian Employed Population 16 Years And Over (White Alone)		109	7-69
C24010A	Sex By Occupation For The Civilian Employed Population 16 Years And Over (White Alone)		109	208-222
B24010B	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Black Or African American Alone)		109	70-132
C24010B	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Black Or African American Alone)		109	223-237
B24010C	Sex By Occupation For The Civilian Employed Population 16 Years And Over (American Indian And Alaska Native Alone)		110	7-69
C24010C	Sex By Occupation For The Civilian Employed Population 16 Years And Over (American Indian And Alaska Native Alone)		110	196-210

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B24010D	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Asian Alone)		110	70-132
C24010D	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Asian Alone)		110	211-225
B24010E	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		110	133-195
C24010E	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		110	226-240
B24010F	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Some Other Race Alone)		111	7-69
C24010F	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Some Other Race Alone)		111	196-210
B24010G	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Two Or More Races)		111	70-132
C24010G	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Two Or More Races)		111	211-225
B24010H	Sex By Occupation For The Civilian Employed Population 16 Years And Over (White Alone, Not Hispanic Or Latino)		111	133-195
C24010H	Sex By Occupation For The Civilian Employed Population 16 Years And Over (White Alone, Not Hispanic Or Latino)		111	226-240
B24010I	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Hispanic Or Latino)		112	7-69
C24010I	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Hispanic Or Latino)		112	181-195
B24011	Occupation By Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Civilian Employed Population 16 Years And Over		112	70-106
B24012	Sex By Occupation And Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Civilian Employed Population 16 Years And Over		112	107-180
B24020	Sex By Occupation For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		113 114	7-133 7-132
C24020	Sex By Occupation For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		115	118-192
B24021	Occupation By Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		115	7-43
B24022	Sex By Occupation And Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		115	44-117
B24030	Sex By Industry For The Civilian Employed Population 16 Years And Over		116	7-215
C24030	Sex By Industry For The Civilian Employed Population 16 Years And Over		117	88-142
B24031	Industry By Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Civilian Employed Population 16 Years And Over		117	7-33
B24032	Sex By Industry And Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Civilian Employed Population 16 Years And Over		117	34-87
B24040	Sex By Industry For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		118	7-215
C24040	Sex By Industry For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		119	88-142
B24041	Industry By Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		119	7-33
B24042	Sex By Industry And Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		119	34-87

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B24050	Industry By Occupation For The Civilian Employed Population 16 Years And Over		120	7-195
C24050	Industry By Occupation For The Civilian Employed Population 16 Years And Over		121	7-104
B24060	Occupation By Class Of Worker For The Civilian Employed Population 16 Years And Over		122	7-240
C24060	Occupation By Class Of Worker For The Civilian Employed Population 16 Years And Over		123	7-186
B24070	Industry By Class Of Worker For The Civilian Employed Population 16 Years And Over		124	7-168
C24070	Industry By Class Of Worker For The Civilian Employed Population 16 Years And Over		125	103-186
B24080	Sex By Class Of Worker For The Civilian Employed Population 16 Years And Over		125	7-27
C24080	Sex By Class Of Worker For The Civilian Employed Population 16 Years And Over		125	187-205
B24081	Class Of Worker By Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Civilian Employed Population 16 Years And Over		125	28-36
B24082	Sex By Class Of Worker And Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Civilian Employed Population 16 Years And Over		125	37-54
B24090	Sex By Class Of Worker For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		125	55-75
C24090	Sex By Class Of Worker For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		125	206-224
B24091	Class Of Worker By Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		125	76-84
B24092	Sex By Class Of Worker And Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		125	85-102
B24121	Detailed Occupation By Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over	National Level Only	126 127 128	7-173 7-172 7-172
B24122	Detailed Occupation By Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Full-Time, Year-Round Civilian Employed Male Population 16 Years And Over	National Level Only	129 130 131	7-173 7-172 7-172
B24123	Detailed Occupation By Median Earnings In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) For The Full-Time, Year-Round Civilian Employed Female Population 16 Years And Over	National Level Only	132 133 134	7-173 7-172 7-172
B24124	Detailed Occupation For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over	National Level Only	135 136 137	7-173 7-172 7-172
B24125	Detailed Occupation For The Full-Time, Year-Round Civilian Employed Male Population 16 Years And Over	National Level Only	138 139 140	7-173 7-172 7-172
B24126	Detailed Occupation For The Full-Time, Year-Round Civilian Employed Female Population 16 Years And Over	National Level Only	141 142 143	7-173 7-172 7-172
B25001	Housing Units		144	7-7
B25002	Occupancy Status		144	8-10
B25003	Tenure		144	11-13
B25003A	Tenure (White Alone Householder)		144	14-16
B25003B	Tenure (Black Or African American Alone Householder)		144	17-19
B25003C	Tenure (American Indian And Alaska Native Alone Householder)		144	20-22
B25003D	Tenure (Asian Alone Householder)		144	23-25
B25003E	Tenure (Native Hawaiian And Other Pacific Islander Alone Householder)		144	26-28

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B25003F	Tenure (Some Other Race Alone Householder)		144	29-31
B25003G	Tenure (Two Or More Races Householder)		144	32-34
B25003H	Tenure (White Alone, Not Hispanic Or Latino Householder)		144	35-37
B25003I	Tenure (Hispanic Or Latino Householder)		144	38-40
B25004	Vacancy Status		144	41-48
C25004	Vacancy Status		144	223-225
B25005	Vacant - Current Residence Elsewhere		144	49-51
B25006	Race Of Householder		144	52-61
B25007	Tenure By Age Of Householder		144	62-82
B25008	Total Population In Occupied Housing Units By Tenure		144	83-85
B25009	Tenure By Household Size		144	86-102
B25010	Average Household Size Of Occupied Housing Units By Tenure		144	103-105
B25011	Tenure By Household Type (Including Living Alone) And Age Of Householder		144	106-154
B25012	Tenure By Families And Presence Of Own Children		144	155-171
B25013	Tenure By Educational Attainment Of Householder		144	172-182
B25014	Tenure By Occupants Per Room		144	183-195
C25014	Tenure By Occupants Per Room		144	226-232
B25014A	Occupants Per Room (White Alone Householder)		144	196-198
B25014B	Occupants Per Room (Black Or African American Alone Householder)		144	199-201
B25014C	Occupants Per Room (American Indian And Alaska Native Alone Householder)		144	202-204
B25014D	Occupants Per Room (Asian Alone Householder)		144	205-207
B25014E	Occupants Per Room (Native Hawaiian And Other Pacific Islander Alone Householder)		144	208-210
B25014F	Occupants Per Room (Some Other Race Alone Householder)		144	211-213
B25014G	Occupants Per Room (Two Or More Races Householder)		144	214-216
B25014H	Occupants Per Room (White Alone, Not Hispanic Or Latino Householder)		144	217-219
B25014I	Occupants Per Room (Hispanic Or Latino Householder)		144	220-222
B25015	Tenure By Age Of Householder By Occupants Per Room		145	7-33
C25015	Tenure By Age Of Householder By Occupants Per Room		145	177-197
B25016	Tenure By Plumbing Facilities By Occupants Per Room	US Only	145	34-52
C25016	Tenure By Plumbing Facilities By Occupants Per Room	US Only	145	198-212
B25017	Rooms		145	53-62
B25018	Median Number Of Rooms		145	63-63
B25019	Aggregate Number Of Rooms		145	64-64
B25020	Tenure By Rooms		145	65-85
C25020	Tenure By Rooms		145	213-225
B25021	Median Number Of Rooms By Tenure		145	86-88
B25022	Aggregate Number Of Rooms By Tenure		145	89-91
B25023	Aggregate Number Of Rooms By Vacancy Status		145	92-99
C25023	Aggregate Number Of Rooms By Vacancy Status		145	226-228
B25024	Units In Structure		145	100-110
B25026	Total Population In Occupied Housing Units By Tenure By Year Householder Moved Into Unit		145	111-125
B25027	Mortgage Status By Age Of Householder		145	126-142
C25027	Mortgage Status By Age Of Householder		145	229-237
B25032	Tenure By Units In Structure		145	143-165

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C25032	Tenure By Units In Structure		145	238-248
B25032A	Units In Structure (White Alone Householder)		145	166-176
C25032A	Units In Structure (White Alone Householder)		146	193-197
B25032B	Units In Structure (Black Or African American Alone Householder)		146	7-17
C25032B	Units In Structure (Black Or African American Alone Householder)		146	198-202
B25032C	Units In Structure (American Indian And Alaska Native Alone Householder)		146	18-28
C25032C	Units In Structure (American Indian And Alaska Native Alone Householder)		146	203-207
B25032D	Units In Structure (Asian Alone Householder)		146	29-39
C25032D	Units In Structure (Asian Alone Householder)		146	208-212
B25032E	Units In Structure (Native Hawaiian And Other Pacific Islander Alone Householder)		146	40-50
C25032E	Units In Structure (Native Hawaiian And Other Pacific Islander Alone Householder)		146	213-217
B25032F	Units In Structure (Some Other Race Alone Householder)		146	51-61
C25032F	Units In Structure (Some Other Race Alone Householder)		146	218-222
B25032G	Units In Structure (Two Or More Races Householder)		146	62-72
C25032G	Units In Structure (Two Or More Races Householder)		146	223-227
B25032H	Units In Structure (White Alone, Not Hispanic Or Latino Householder)		146	73-83
C25032H	Units In Structure (White Alone, Not Hispanic Or Latino Householder)		146	228-232
B25032I	Units In Structure (Hispanic Or Latino Householder)		146	84-94
C25032I	Units In Structure (Hispanic Or Latino Householder)		146	233-237
B25033	Total Population In Occupied Housing Units By Tenure By Units In Structure		146	95-107
C25033	Total Population In Occupied Housing Units By Tenure By Units In Structure		146	238-246
B25034	Year Structure Built		146	108-117
B25035	Median Year Structure Built		146	118-118
B25036	Tenure By Year Structure Built		146	119-139
B25037	Median Year Structure Built By Tenure		146	140-142
B25038	Tenure By Year Householder Moved Into Unit		146	143-157
B25039	Median Year Householder Moved Into Unit By Tenure		146	158-160
B25040	House Heating Fuel		146	161-170
B25041	Bedrooms		146	171-177
B25042	Tenure By Bedrooms		146	178-192
B25043	Tenure By Telephone Service Available By Age Of Householder		147	7-25
C25043	Tenure By Telephone Service Available		147	205-211
B25044	Tenure By Vehicles Available		147	26-40
B25045	Tenure By Vehicles Available By Age Of Householder		147	41-59
C25045	Tenure By Vehicles Available		147	212-218
B25046	Aggregate Number Of Vehicles Available By Tenure		147	60-62
B25047	Plumbing Facilities For All Housing Units	US Only	147	63-65
B25048	Plumbing Facilities For Occupied Housing Units	US Only	147	66-68
B25049	Tenure By Plumbing Facilities	US Only	147	69-75
B25050	Plumbing Facilities By Occupants Per Room By Year Structure Built	US Only	147	76-94
C25050	Plumbing Facilities By Occupants Per Room	US Only	147	219-225
B25051	Kitchen Facilities For All Housing Units		147	95-97
B25052	Kitchen Facilities For Occupied Housing Units		147	98-100
B25053	Tenure By Kitchen Facilities		147	101-107
B25054	Kitchen Facilities By Meals Included In Rent		147	108-114
C25054	Kitchen Facilities		147	226-228

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B25055	Age Of Householder By Meals Included In Rent		147	115-127
C25055	Age Of Householder		147	229-233
B25056	Contract Rent		147	128-151
C25056	Contract Rent		147	234-242
B25057	Lower Contract Rent Quartile (Dollars)		147	152-152
B25058	Median Contract Rent (Dollars)		147	153-153
B25059	Upper Contract Rent Quartile (Dollars)		147	154-154
B25060	Aggregate Contract Rent (Dollars)		147	155-155
B25061	Rent Asked		147	156-177
C25061	Rent Asked		147	243-249
B25062	Aggregate Rent Asked (Dollars)		147	178-178
B25063	Gross Rent		147	179-202
B25064	Median Gross Rent (Dollars)		147	203-203
B25065	Aggregate Gross Rent (Dollars)		147	204-204
B25066	Aggregate Gross Rent (Dollars) By Units In Structure		148	7-14
C25066	Aggregate Gross Rent (Dollars) By Units In Structure		148	149-152
B25067	Aggregate Gross Rent (Dollars) By Meals Included In Rent		148	15-17
B25068	Bedrooms By Gross Rent		148	18-54
C25068	Bedrooms By Gross Rent		148	153-173
B25069	Inclusion Of Utilities In Rent		148	55-57
B25070	Gross Rent As A Percentage Of Household Income In The Past 12 Months		148	58-68
B25071	Median Gross Rent As A Percentage Of Household Income In The Past 12 Months (Dollars)		148	69-69
B25072	Age Of Householder By Gross Rent As A Percentage Of Household Income In The Past 12 Months		148	70-98
C25072	Age Of Householder By Gross Rent As A Percentage Of Household Income In The Past 12 Months		148	174-190
B25073	Units In Structure By Gross Rent As A Percentage Of Household Income In The Past 12 Months		148	99-148
C25073	Units In Structure By Gross Rent As A Percentage Of Household Income In The Past 12 Months		148	191-211
B25074	Household Income By Gross Rent As A Percentage Of Household Income In The Past 12 Months		150	7-56
C25074	Household Income By Gross Rent As A Percentage Of Household Income In The Past 12 Months		150	197-221
B25075	Value		150	57-81
C25075	Value		150	222-230
B25076	Lower Value Quartile (Dollars)		150	82-82
B25077	Median Value (Dollars)		150	83-83
B25078	Upper Value Quartile (Dollars)		150	84-84
B25079	Aggregate Value (Dollars) By Age Of Householder		150	85-89
C25079	Aggregate Value (Dollars) By Age Of Householder		150	231-233
B25080	Aggregate Value (Dollars) By Units In Structure		150	90-97
C25080	Aggregate Value (Dollars) By Units In Structure		150	234-238
B25081	Mortgage Status		150	98-105
B25082	Aggregate Value (Dollars) By Mortgage Status		150	106-108
B25083	Median Value (Dollars) For Mobile Homes		150	109-109
B25085	Price Asked		150	110-134

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C25085	Price Asked		150	239-246
B25086	Aggregate Price Asked (Dollars)		150	135-135
B25087	Mortgage Status And Selected Monthly Owner Costs		150	136-164
B25088	Median Selected Monthly Owner Costs (Dollars) By Mortgage Status		150	165-167
B25089	Aggregate Selected Monthly Owner Costs (Dollars) By Mortgage Status		150	168-170
B25091	Mortgage Status By Selected Monthly Owner Costs As A Percentage Of Household Income In The Past 12 Months		150	171-193
B25092	Median Selected Monthly Owner Costs As A Percentage Of Household Income In The Past 12 Months		150	194-196
B25093	Age Of Householder By Selected Monthly Owner Costs As A Percentage Of Household Income In The Past 12 Months		149	7-35
C25093	Age Of Householder By Selected Monthly Owner Costs As A Percentage Of Household Income In The Past 12 Months		149	162-178
B25094	Selected Monthly Owner Costs		149	36-49
B25095	Household Income By Selected Monthly Owner Costs As A Percentage Of Household Income In The Past 12 Months		149	50-106
C25095	Household Income By Selected Monthly Owner Costs As A Percentage Of Household Income In The Past 12 Months		149	179-207
B25096	Mortgage Status By Value		149	107-123
B25097	Mortgage Status By Median Value (Dollars)		149	124-126
B25098	Mortgage Status By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		149	127-145
B25099	Mortgage Status By Median Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		149	146-148
B25100	Mortgage Status By Ratio Of Value To Household Income In The Past 12 Months		149	149-161
B25101	Mortgage Status By Monthly Housing Costs As A Percentage Of Household Income In The Past 12 Months		151	7-51
B25102	Mortgage Status By Real Estate Taxes Paid		151	52-62
B25103	Mortgage Status By Median Real Estate Taxes Paid (Dollars)		151	63-65
B25104	Monthly Housing Costs		151	66-80
B25105	Median Monthly Housing Costs (Dollars)		151	81-81
B25106	Tenure By Housing Costs As A Percentage Of Household Income In The Past 12 Months		151	82-127
B25107	Median Value By Year Structure Built		151	128-137
B25108	Aggregate Value (Dollars) By Year Structure Built		151	138-147
C25108	Aggregate Value (Dollars) By Year Structure Built		151	223-229
B25109	Median Value By Year Householder Moved Into Unit		151	148-154
B25110	Aggregate Value (Dollars) By Year Householder Moved Into Unit		151	155-161
C25110	Aggregate Value (Dollars) By Year Householder Moved Into Unit		151	230-234
B25111	Median Gross Rent By Year Structure Built		151	162-171
B25112	Aggregate Gross Rent (Dollars) By Year Structure Built		151	172-181
C25112	Aggregate Gross Rent (Dollars) By Year Structure Built		151	235-241
B25113	Median Gross Rent By Year Householder Moved Into Unit		151	182-188
B25114	Aggregate Gross Rent (Dollars) By Year Householder Moved Into Unit		151	189-195
C25114	Aggregate Gross Rent (Dollars) By Year Householder Moved Into Unit		151	242-246
B25115	Tenure By Household Type And Presence And Age Of Own Children		151	196-222
C25115	Tenure By Household Type		152	190-204
B25116	Tenure By Household Size By Age Of Householder		152	7-29
C25116	Tenure By Household Size By Age Of Householder		152	205-219

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B25117	Tenure By House Heating Fuel		152	30-50
C25117	Tenure By House Heating Fuel		152	220-230
B25118	Tenure By Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars)		152	51-75
B25119	Median Household Income The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Tenure		152	76-78
B25120	Aggregate Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Tenure And Mortgage Status		152	79-83
B25121	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Value		152	84-189
C25121	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Value		153	140-170
B25122	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Gross Rent		153	7-126
C25122	Household Income In The Past 12 Months (In 2009 Inflation-Adjusted Dollars) By Gross Rent		153	171-201
B25123	Tenure By Selected Physical And Financial Conditions		153	127-139
C25123	Tenure By Selected Physical And Financial Conditions		153	202-208
B26001	Group Quarters Population		154	7-7
B98001	Unweighted Housing Unit Sample	Nation, States and Counties Only	164	7-8
B98002	Unweighted Group Quarters Population Sample	Nation and States Only	164	9-10
B98011	Housing Unit Coverage Rate	Nation and States Only (Excluding PR)	164	11-11
B98012	Total Population Coverage Rate By Sex	Nation and States Only	164	12-14
B98013	Total Population Coverage Rate By Weighting Race And Hispanic Or Latino Groups	National Level Only	164	15-21
B98014	Group Quarters Population Coverage Rate	National Level Only	164	22-22
B98021	Housing Unit Response And Nonresponse Rates With Reasons For Noninterviews	Nation, States and Counties Only	164	23-31
B98022	Group Quarters Population Response And Nonresponse Rates With Reasons For Noninterviews	Nation and States Only	164	32-41
B98031	Overall Person Characteristic Imputation Rate	Nation and States Only	164	42-42
B98032	Overall Housing Unit Characteristic Imputation Rate	Nation and States Only	164	43-43
B99011	Imputation Of Sex		US 165 PR 176	US 7-9 PR 7-9
B99012	Imputation Of Age		US 165 PR 176	US 10-12 PR 10-12
B99021	Imputation Of Race		US 165 PR 176	US 13-15 PR 13-15
B99031	Imputation Of Hispanic Or Latino Origin		US 165 PR 176	US 16-18 PR 16-18
B99051	Imputation Of Citizenship Status		US 165 PR 176	US 19-25 PR 19-25
B99052	Imputation Of Year Of Entry	US Only	165	26-32
B99052PR	Imputation Of Year Of Entry For Population Born Outside Puerto Rico	PR Only	176	26-32
B99061	Imputation Of Place Of Birth		US 165 PR 176	US 33-35 PR 33-35
B99071	Imputation Of Mobility Status For The Population 1 Year And Over		US 165 PR 176	US 36-38 PR 36-38
B99072	Imputation Of Residence 1 Year Ago For The Population 1 Year And Over		US 165 PR 176	US 39-45 PR 39-45

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B99080	Imputation Of Means Of Transportation To Work		US 165 PR 176	US 46-48 PR 46-48
B99081	Imputation Of Place Of Work		US 165 PR 176	US 49-53 PR 49-53
B99082	Imputation Of Private Vehicle Occupancy		US 165 PR 176	US 54-58 PR 54-58
B99083	Imputation Of Time Leaving Home To Go To Work		US 165 PR 176	US 59-63 PR 59-63
B99084	Imputation Of Travel Time To Work		US 165 PR 176	US 64-68 PR 64-68
B99085	Imputation Of Vehicles Available For Workers		US 165 PR 176	US 69-71 PR 69-71
B99086	Imputation Of Means Of Transportation To Work For Workplace Geography	Place Of Work Only	11	7-9
B99087	Imputation Of Time Arriving At Work From Home For Workplace Geography	Place Of Work Only	11	10-14
B99088	Imputation Of Travel Time To Work For Workplace Geography	Place Of Work Only	11	15-19
B99089	Imputation Of Vehicles Available For Workers For Workplace Geography	Place Of Work Only	11	20-22
B99092	Imputation Of Relationship		US 165 PR 176	US 72-74 PR 72-74
B99102	Imputation Of Grandparents Living With Grandchildren Under 18 Years		US 165 PR 176	US 75-77 PR 75-77
B99103	Imputation Of Grandparents Responsible For Grandchildren Under 18 Years		US 165 PR 176	US 78-80 PR 78-80
B99104	Imputation Of Length Of Time Grandparent Responsible For Own Grandchildren Under 18 Years For The Population 30 Years And Over		US 165 PR 176	US 81-87 PR 81-87
B99121	Imputation Of Marital Status For The Population 15 Years And Over		US 165 PR 176	US 88-90 PR 88-90
B99131	Imputation Of Marital Status For Females 15 To 50 Years		US 165 PR 176	US 91-93 PR 91-93
B99132	Imputation Of Fertility Of Women 15 To 50 Years		US 165 PR 176	US 94-96 PR 94-96
B99141	Imputation Of School Enrollment For The Population 3 Years And Over		US 165 PR 176	US 97-99 PR 97-99
B99142	Imputation Of Grade Enrolled For The Population 3 Years And Over Enrolled In School		US 165 PR 176	US 100-102 PR 100-102
B99151	Imputation Of Educational Attainment For The Population 25 Years And Over		US 165 PR 176	US 103-105 PR 103-105
B99161	Imputation Of Language Status For The Population 5 Years And Over		US 165 PR 176	US 106-108 PR 106-108
B99162	Imputation Of Language Spoken At Home For The Population 5 Years And Over		US 165 PR 176	US 109-115 PR 109-115
B99163	Imputation Of Ability To Speak English For The Population 5 Years And Over		US 165 PR 176	US 116-120 PR 116-120
B99171	Imputation Of Poverty Status In The Past 12 Months For Unrelated Individuals		US 165 PR 176	US 121-135 PR 121-135
B99172	Imputation Of Poverty Status In The Past 12 Months For Families		US 165 PR 176	US 136-150 PR 136-150
B99191	Imputation Of Individuals' Income In The Past 12 Months For The Population 15 Years And Over - Percent Of Income Imputed		US 165 PR 176	US 151-158 PR 151-158
B99192	Imputation Of Household Income In The Past 12 Months - Percent Of Income Imputed		US 165 PR 176	US 159-166 PR 159-166
B99193	Imputation Of Family Income In The Past 12 Months -- Percent Of Income Imputed		US 165 PR 176	US 167-174 PR 167-174

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B99194	Imputation Of Nonfamily Household Income In The Past 12 Months -- Percent Of Income Imputed		US 165 PR 176	US 175-182 PR 175-182
B99201	Imputation Of Earnings In The Past 12 Months For The Population 16 Years And Over - Percent Of Earnings Imputed		US 165 PR 176	US 183-190 PR 183-190
B99211	Imputation Of Veteran Status For The Population 18 Years And Over		US 165 PR 176	US 191-193 PR 191-193
B99212	Imputation Of Period Of Military Service For Civilian Veterans 18 Years And Over		US 165 PR 176	US 194-196 PR 194-196
B99221	Imputation Of Food Stamps/Snap Receipt		US 165 PR 176	US 197-199 PR 197-199
B99231	Imputation Of Employment Status For The Population 16 Years And Over		US 165 PR 176	US 200-202 PR 200-202
B99232	Imputation Of Work Status In The Past 12 Months For The Population 16 Years And Over		US 165 PR 176	US 203-205 PR 203-205
B99233	Imputation Of Usual Hours Worked Per Week In The Past 12 Months For The Population 16 Years And Over		166	7-11
B99234	Imputation Of Weeks Worked In The Past 12 Months For The Population 16 Years And Over		166	12-16
B99241	Imputation Of Industry For The Civilian Employed Population 16 Years And Over		166	17-19
B99242	Imputation Of Occupation For The Civilian Employed Population 16 Years And Over		166	20-22
B99243	Imputation Of Class Of Worker For The Civilian Employed Population 16 Years And Over		166	23-25
B99244	Imputation Of Industry For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		166	26-28
B99245	Imputation Of Occupation For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		166	29-31
B99246	Imputation Of Class Of Worker For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		166	32-34
B992510	Imputation Of Kitchen Facilities		166	35-37
B992511	Imputation Of House Heating Fuel		166	38-40
B992512	Imputation Of Vehicles Available		166	41-43
B992513	Imputation Of Telephone Service Available		166	44-46
B992514	Imputation Of Meals Included In Rent		166	47-49
B992515	Imputation Of Contract Rent		166	50-52
B992516	Imputation Of Rent Asked		166	53-55
B992518	Imputation Of Gross Rent		166	56-58
B992519	Imputation Of Value		166	59-61
B99252	Imputation Of Tenure		166	62-64
B992520	Imputation Of Price Asked		166	65-67
B992521	Imputation Of Mortgage Status		166	68-70
B992522	Imputation Of Mortgage Status And Selected Monthly Owner Costs		166	71-77
B992523	Imputation Of Selected Monthly Owner Costs For Owner-Occupied Housing Units		166	78-80
B99253	Imputation Of Vacancy Status		166	81-83
B99254	Imputation Of Rooms		166	84-86
B99255	Imputation Of Units In Structure		166	87-89
B99256	Imputation Of Year Structure Built		166	90-92
B99257	Imputation Of Year Householder Moved Into Unit		166	93-95
B99258	Imputation Of Bedrooms		166	96-98
B99259	Imputation Of Plumbing Facilities	US Only	166	99-101

Appendix F: ACS 3-Year Summary Levels/Components for Detailed Tables

Summary Level	Component	Name
010	00	United States
010	01	United States; Urban
010	43	United States; Rural
010	89	United States; American Indian Reservation and Trust Land-Federal
010	91	United States; Oklahoma Tribal Statistical Area
010	92	United States; Tribal Designated Statistical Area
010	93	United States; Alaska Native Village Statistical Area
010	94	United States; State Designated Tribal Statistical Area (Formerly SDAISA)
010	A0	United States; In Metropolitan or Micropolitan Statistical Area
010	C0	United States; In Metropolitan Statistical Area
010	C1	United States; In Metropolitan Statistical Area-In Principal City
010	C2	United States; In Metropolitan Statistical Area-Not In Principal City
010	E0	United States; In Micropolitan Statistical Area
010	E1	United States; In Micropolitan Statistical Area-In Principal City
010	E2	United States; In Micropolitan Statistical Area-Not In Principal City
010	G0	United States; Not In Metropolitan or Micropolitan Statistical Area
010	H0	United States; Not In Metropolitan Statistical Area
020	00	Region
020	01	Region; Urban
020	43	Region; Rural
020	A0	Region; In Metropolitan or Micropolitan Statistical Area
020	C0	Region; In Metropolitan Statistical Area
020	C1	Region; In Metropolitan Statistical Area-In Principal City
020	C2	Region; In Metropolitan Statistical Area-Not In Principal City
020	E0	Region; In Micropolitan Statistical Area
020	E1	Region; In Micropolitan Statistical Area-In Principal City
020	E2	Region; In Micropolitan Statistical Area-Not In Principal City
020	G0	Region; Not In Metropolitan or Micropolitan Statistical Area
020	H0	Region; Not In Metropolitan Statistical Area
030	00	Division
030	01	Division; Urban
030	43	Division; Rural
030	A0	Division; In Metropolitan or Micropolitan Statistical Area
030	C0	Division; In Metropolitan Statistical Area
030	C1	Division; In Metropolitan Statistical Area-In Principal City
030	C2	Division; In Metropolitan Statistical Area-Not In Principal City
030	E0	Division; In Micropolitan Statistical Area
030	E1	Division; In Micropolitan Statistical Area-In Principal City
030	E2	Division; In Micropolitan Statistical Area-Not In Principal City
030	G0	Division; Not In Metropolitan or Micropolitan Statistical Area
030	H0	Division; Not In Metropolitan Statistical Area
040	00	State

Summary Level	Component	Name
040	01	State; Urban
040	43	State; Rural
040	A0	State; In Metropolitan or Micropolitan Statistical Area
040	C0	State; In Metropolitan Statistical Area
040	C1	State; In Metropolitan Statistical Area-In Principal City
040	C2	State; In Metropolitan Statistical Area-Not In Principal City
040	E0	State; In Micropolitan Statistical Area
040	E1	State; In Micropolitan Statistical Area-In Principal City
040	E2	State; In Micropolitan Statistical Area-Not In Principal City
040	G0	State; Not In Metropolitan or Micropolitan Statistical Area
040	H0	State; Not In Metropolitan Statistical Area
050	00	State-County
060	00	State-County-County Subdivision
160	00	State-Place
230	00	State-Alaska Native Regional Corporation
250	00	American Indian Area/Alaska Native Area/Hawaiian Home Land
310	00	Metropolitan Statistical Area/Micropolitan Statistical Area
312	00	Metropolitan Statistical Area/Micropolitan Statistical Area-State-Principal City
314	00	Metropolitan Statistical Area-Metropolitan Division
330	00	Combined Statistical Area
335	00	Combined New England City and Town Area
350	00	New England City and Town Area
352	00	New England City and Town Area-State-Principal City
355	00	New England City and Town Area (NECTA)-NECTA Division
400	00	Urban Area
500	00	State-Congressional District
795	00	State-Public Use Microdata Sample Area (PUMA)
950	00	State-School District (Elementary)
960	00	State-School District (Secondary)
970	00	State-School District (Unified)

Document History

Version #	Date	Summary of Changes
1	01/11/11	Initial Release